

Product Focus – Power Module - Thyristors and Diodes

TECHSEM

China's Leading Power Semiconductor Manufacturer.

High Quality Products and attractive to higher cost base EU manufacturers.

International Standards (IRIS, UL, IEC, RoHS etc.) and proactive QC system.

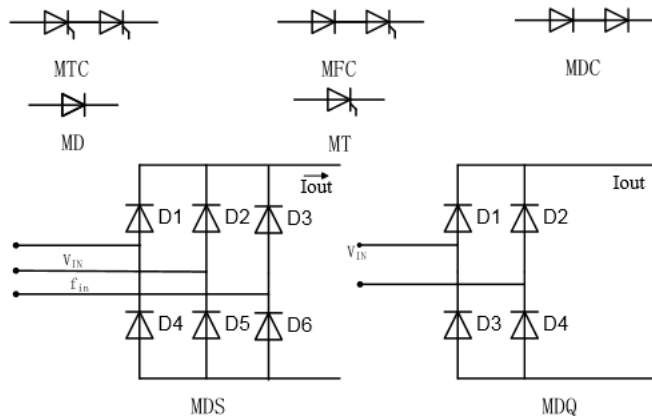
Pressure contact provides **improved reliability** versus solder module technology

Thyristor-Thyristor, Thyristor – Diode, Diode – Diode, Fast Diode Modules, Single and Three Phase Rectifier Bridge Modules.

UK skilled technical support and cross reference service versus Semikron, IXYS and Infineon etc.

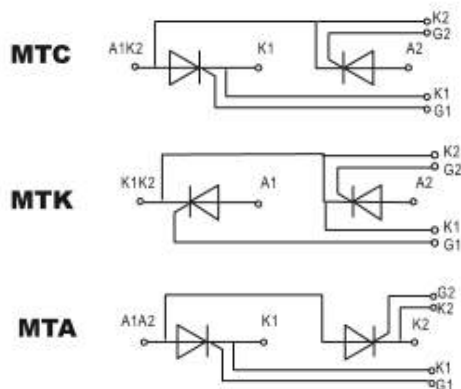


Power Module Outlines and Topologies available as standard:



Dual Thyristor Power Module Portfolio

Voltage versus Current Tc=85 Deg C



N.B.

It(av) value is expressed on a per die basis.

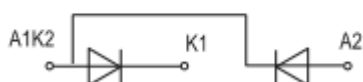
MTx – 'x' denotes Phase Leg, common anode or common cathode connection.

Part #	It(av)	600-1800V	1900-2500V	2600-3600V
MTx26	26A	X	X	
MTx40	40A	X	X	
MTx55	55A	X	X	
MTx70	70A	X	X	
MTx90	90A	X	X	
MTx110	110A	X	X	
MTx135	135A	X	X	
MTx160	160A	X	X	
MTx182	182A	X	X	
MTx200	200A		X	X
MTx250	250A	X	X	X
MTx285	285A	X	X	
MTx300	300A		X	X
MTx330	330A	X	X	
MTx350	350A	X	X	
MTx400	400A	X	X	X
MTx500	500A	X	X	X
MTx570	570A	X	X	
MTx600	600A	X	X	
MTx800	800A	X	X	
MTx1000	1000A	X	X	
MTX1200	1200A	X	X	

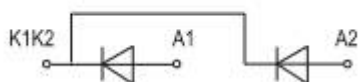
Dual Diode Power Module Portfolio

Voltage versus Current Tc=85 Deg C

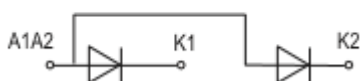
MDC



MDK



MDA



N.B.

It(av) value is expressed on a per die basis.

MDx – 'x' denotes Phase Leg, common anode or common cathode connection.

Part #	It(av)	600-1800V	1900-2500V	2600-3600V
MDx26	26A	X	X	
MDx40	40A	X	X	
MDx55	55A	X	X	
MDx70	70A	X	X	
MDx90	90A	X	X	
MDx110	110A	X	X	
MDx135	135A	X	X	
MDx160	160A	X	X	
MDx182	182A	X	X	
MDx200	200A	X	X	X
MDx250	250A	X	X	X
MDx300	300A	X	X	X
MDx350	350A		X	X
MDx380	380A	X		
MDx400	400A	X	X	X
MDx500	500A	X	X	X
MDx570	570A	X	X	
MDx600	600A	X	X	X
MDx800	800A	X	X	
MDx1000	1000A	X	X	
MDx1200	1200A	X	X	

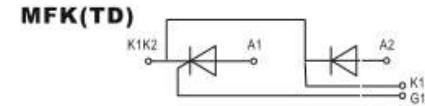
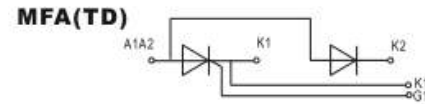
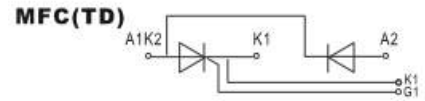
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Thyristor / Diode Module

Voltage versus Current Tc=85 Deg C

Part #	It(av)	600-1800V	1900-2500V	2600-3600V
MFx26	26A	X	X	
MFx40	40A	X	X	
MFx55	55A	X	X	
MFx70	70A	X	X	
MFx90	90A	X	X	
MFx110	110A	X	X	
MFx135	135A	X	X	
MFx160	160A	X	X	
MFx182	182A	X	X	
MFx200	200A		X	X
MFx250	250A	X	X	X
MFx285	285A	X		
MFx300	300A		X	X
MFx330	330A	X		
MFx350	350A	X	X	
MFx400	400A	X	X	X
MFx500	500A	X	X	X
MFx570	570A	X		
MFx600	600A	X	X	
MFx800	800A	X	X	
MFx1000	1000A	X	X	
MFx1200	1200A	X	X	



N.B.

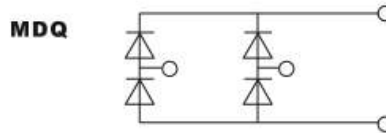
It(av) value is expressed on a per die basis.

MFx - 'x' denotes Phase Leg, common anode or common cathode connection.

Single Phase Rectifier Diode Module

Voltage versus Current Tc=85 Deg C per die.

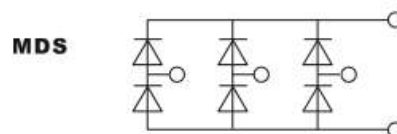
Part #	It(av)	600-1800V
MDQ50	50A	X
MDQ75	75A	X
MDQ100	100A	X
MDQ150	150A	X



Three Phase Rectifier Diode Module

Voltage versus Current Tc=85 Deg C per die

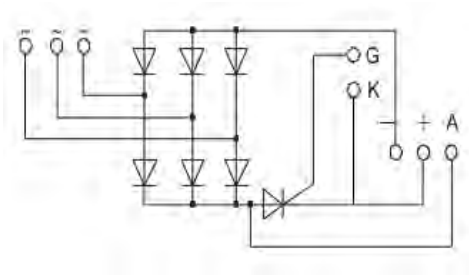
Part #	It(av)	600-1800V
MDS50	50A	X
MDS75	75A	X
MDS100	100A	X
MDS150	150A	X
MDS175	175A	X
MDS200	200A	X



Three Phase Rectifier Diode Module with Thyristor

Voltage versus Current Tc=85 Deg C per die.

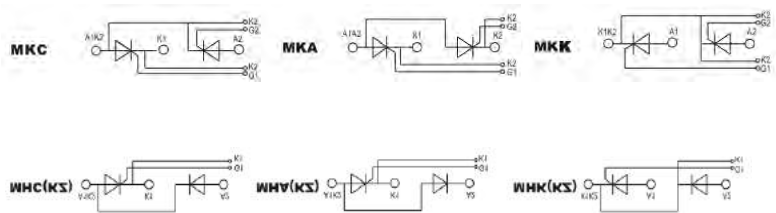
Part #	It(av)	600-1800V
MDST50	50A	X
MDST75	75A	X
MDST100	100A	X
MDST150	150A	X
MDST200	200A	X



Fast Turn Off Thyristor and Fast Recovery Diode Module

Voltage versus Current Tc=85 Deg C per die.

Part #	It(av)	600-1800V	1900-2500V
MHC55	55A	X	
MKx/MHx75	75A	X	
MKx/MHx150	150A	X	
MKx/MHx200	200A	X	
MKx/MHx250	250A	X	
MKx/MHx300	300A	X	
MKx/MHx400	400A	X	
MKx/MHx70	70A		X

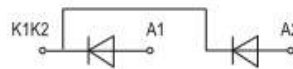


Fast Recovery Diode Module

Voltage versus Current Tc=85 Deg C per die.

Part #	It(av)	600-1800V	Trr (usec)
MZx75	75A	X	1.5
MZx150	150A	X	2
MZx200	200A	X	3
MZx250	250A	X	4
MZx300	300A	X	4
MZx300	300A	X	5
MZx400	400A	X	5

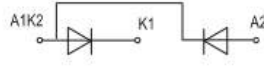
MZK



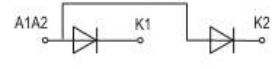
MZ



MZC



MZA



Product Focus – Power Module - Thyristors and Diodes

Why Pressure contact? What are the benefits?

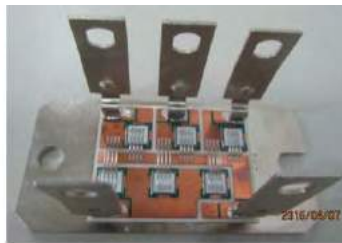
Pressure contact designs can:

- Eradicate the 2 main failure mechanisms of solder base modules – wire bond fatigue and die solder cracking.
- have higher surge current ratings due to improved contact with the die and improved mechanical strength.
- have Thermal / Power Cycling improvements with longer Mean Time Between Failure (MTBF).
- Can provide higher voltage, higher current designs than solder base due to restrictions in solder die tech.
- Provide a solution for high power cycling applications (such as resistive welding) where Solder base technology fail.

Pressure contact design – no wire bonds, no solder fixation



Solder base design – wire bond break and fixed soldered dies



Power Module Part Number Designation and additional parts:

MTC 110-16- 223F3 B

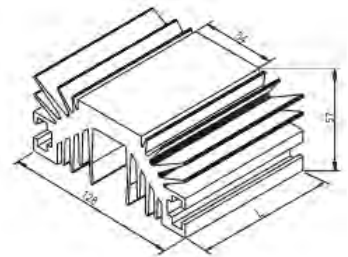
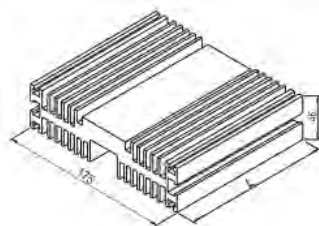
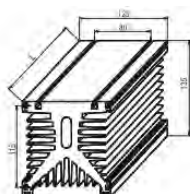
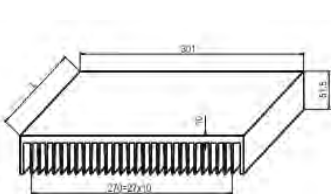


- 1: Circuit topology such as MT, MTC, MFC, MD, MDC and MDS
- 2: Rated current (I_{TAV} [A])
- 3: Voltage class, $V_{DRM}/V_{RRM} = \text{CLASS} \times 100$ [V]
- 4: Housing type, please refer to Fig. 2
- 5: Option, with "B" means the sequence of the gate terminal (G) and auxiliary cathode terminal (K) is in order of G1/K1, K2/G2.

Please note keyed connector gate leads are available upon request:



HEATSINKS – Diamond Power also provide various Heatsink Solutions for Press Pack or Module Devices. Please send us your enquiry



And many more..

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Single Phase Rectifier Bridge

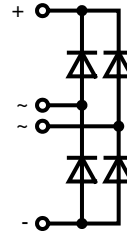
Standard and Avalanche Types

$$I_{dAV} = 31 \text{ A}$$

$$V_{RRM} = 800-1600 \text{ V}$$

V_{RSM} V	V_{BRmin} ① V	V_{RRM} V	Standard Types	Avalanche Types
900		800	VBO 20-08NO2	
1300	1230	1200	VBO 20-12NO2	VBO 20-12AO2
1700	1630	1600	VBO 20-16NO2	VBO 20-16AO2

① For Avalanche Types only



Symbol	Conditions	Maximum Ratings	
I_{dAV} ②	$T_C = 85^\circ\text{C}$, module	31	A
I_{dAVM}	module	40	A
P_{RSM}	$T_{VJ} = T_{VJM}$	3.4	kW
I_{FSM}	$T_{VJ} = 45^\circ\text{C}$; $V_R = 0$	$t = 10 \text{ ms}$ (50 Hz)	300 A
		$t = 8.3 \text{ ms}$ (60 Hz)	315 A
	$T_{VJ} = T_{VJM}$; $V_R = 0$	$t = 10 \text{ ms}$ (50 Hz)	250 A
		$t = 8.3 \text{ ms}$ (60 Hz)	265 A
I^2t	$T_{VJ} = 45^\circ\text{C}$; $V_R = 0$	$t = 10 \text{ ms}$ (50 Hz)	450 A ² s
		$t = 8.3 \text{ ms}$ (60 Hz)	420 A ² s
	$T_{VJ} = T_{VJM}$; $V_R = 0$	$t = 10 \text{ ms}$ (50 Hz)	312 A ² s
		$t = 8.3 \text{ ms}$ (60 Hz)	290 A ² s
T_{VJ}		-40...+150	°C
T_{VJM}		150	°C
T_{stg}		-40...+125	°C
V_{ISOL}	50/60 Hz, RMS $t = 1 \text{ min}$ $I_{ISOL} \leq 1 \text{ mA}$ $t = 1 \text{ s}$	3000	V~
		3600	V~
M_d	Mounting torque (M5) (10-32 UNF)	1.5-2	Nm
		13-18	lb.in.
Weight	Typ.	15	g

Symbol	Conditions	Characteristic Values	
I_R	$V_R = V_{RRM}$ $T_{VJ} = 25^\circ\text{C}$ $T_{VJ} = T_{VJM}$	0.3	mA
		5.0	mA
V_F	$I_F = 55 \text{ A}$ $T_{VJ} = 25^\circ\text{C}$	1.8	V
V_{TO}	For power-loss calculations only	0.85	V
r_t		14	mΩ
R_{thJC}	per diode; 120° el.	3.00	K/W
	per module	0.75	K/W
R_{thJH}	per diode; 120° el.	3.40	K/W
	per module	0.85	K/W
d_s	Creeping distance on surface	13	mm
d_a	Creepage distance in air ③	9.5	mm
a	Max. allowable acceleration	50	m/s ²

Data according to IEC 60747 and refer to a single diode unless otherwise stated.

② for resistive load at bridge output

③ with isolated fast-on tabs.

IXYS reserves the right to change limits, test conditions and dimensions.

Features

- Avalanche rated parts available
- Package with DCB ceramic base plate
- Isolation voltage 3600 V~
- Planar passivated chips
- Low forward voltage drop
- ¼" fast-on terminals
- UL registered E 72873

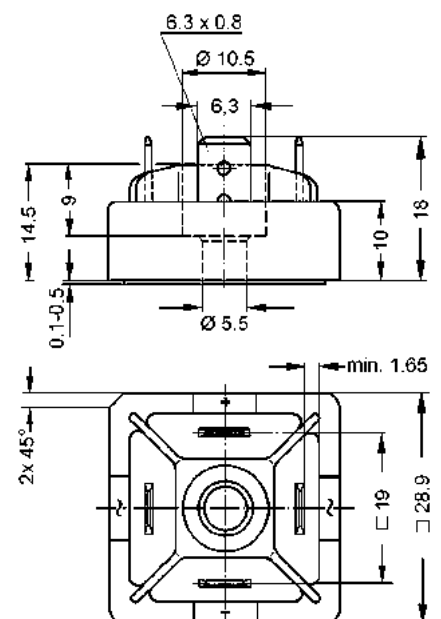
Applications

- Supplies for DC power equipment
- Input rectifiers for PWM inverter
- Battery DC power supplies
- Field supply for DC motors

Advantages

- Easy to mount with one screw
- Space and weight savings
- Improved temperature & power cycling

Dimensions in mm (1 mm = 0.0394")



20100706b

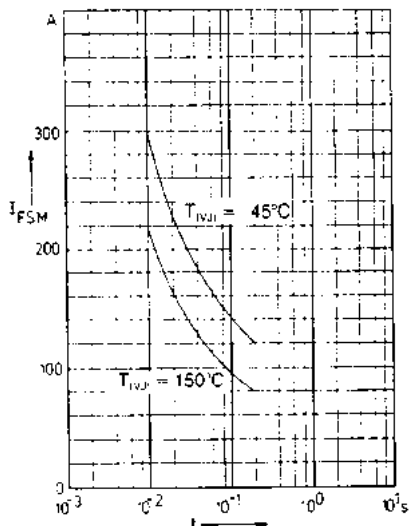


Fig. 1 Surge overload current per diode
 I_{FSM} : Crest value, t : duration

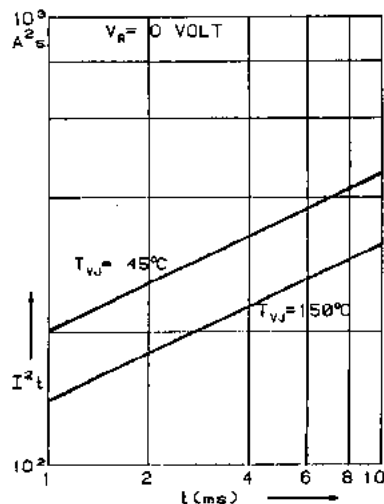


Fig. 2 I^2t versus time (1-10 ms) per diode

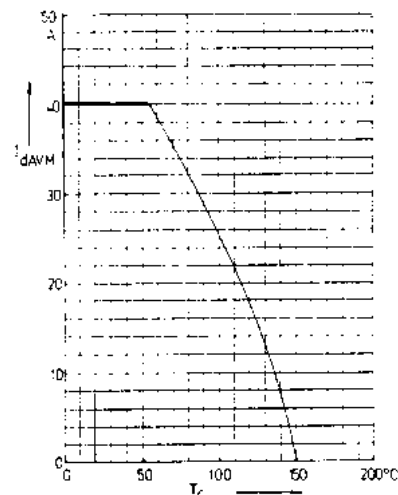


Fig. 3 Max. forward current at case temperature

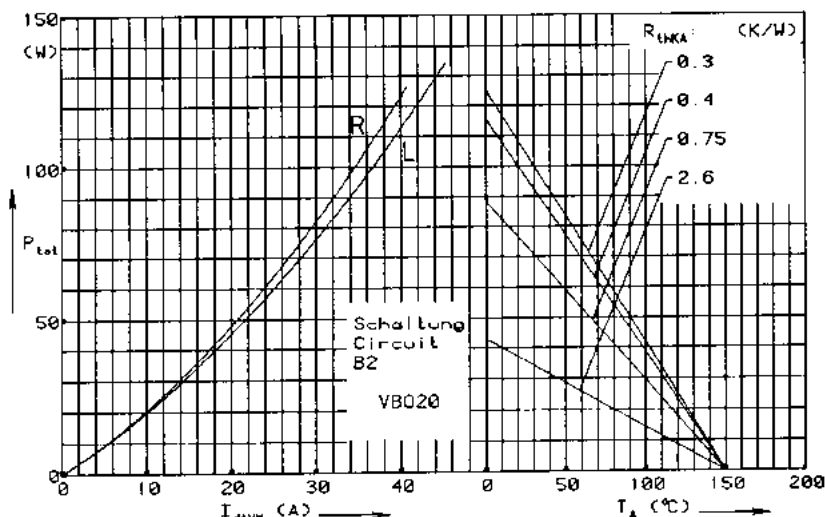


Fig. 4 Power dissipation versus direct output current and ambient temperature

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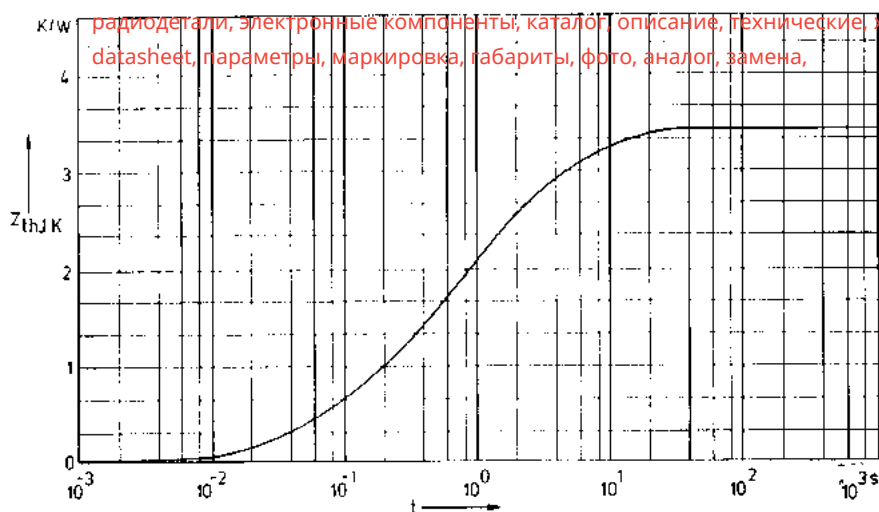


Fig. 5 Transient thermal impedance junction to heatsink per diode

Constants for Z_{thJK} calculation:

i	R_{thi} (K/W)	t_i (s)
1	0.775	0.0788
2	1.390	0.504
3	1.255	3.701

Small Signal Switching and Schottky Diodes

Family	Application	Comchip	Vishay / G	ON-Semi	Diode Inc.	Philips	Rohm
Switching Diode	High Speed	CDSL4148	LL4148	LL4148	LL4148	PMLL4148	RLS4148

Family	Application	Comchip	Vishay / G	ON-Semi	Diode In	Philip	Rohm	Panasonic Matsushita
Switching Diode	High Speed	CDSF355	BAS16WS	BAS16H	BAV16WS	BAS216 BAS316	1SS355	MA2J111 MA111 MA113
		CDSF4148	1N4148WS	1N4148WS	1N4148WS			
	Low Leakage	CDSF101A					1SS380	
Schottky Barrier	Small Signal	CDBF00340	SD104AWS SD104BWS SD104CWS	RB751V40	SDMK0340L	1PS76SB40	RB751V-40	MA2J728 MA2J732
		CDBF0130	SD107WS	SD107WS	SD107WS BAT43WS BAT42WS			
		CDBF0145	SD101CWS		SD101CWS SDM10K45		RB501V-40 RB500V-40	MA2Z784 MA784
		CDBF0230	SD0230LWS SD103CWS SD103BWS		SD103CWS SD103BWS			
		CDBF0245	SD106WS SD103AWS	SD103AWS	SD106WS SD103AWS	1PS76SB21		MA2J729
		CDBF001A	BAT54WS	BAT54H	BAT54WS	1PS76SB10		

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datasheet, параметры, маркировка, габариты, фото, аналог, замена,

Glass Passivated Rectifier

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.	Rohm	
General Purpose Rectifier Io=1.0A	MiniSMA	CGRM4001					
		CGRM4002					
		CGRM4003					
		CGRM4004					
		CGRM4005					
		CGRM4006					
		CGRM4007					
	Plastic Melf DO-213AB	CGRL4001	GL41A			DL4001	RLR4001*
		CGRL4002	GL41B			DL4002	RLR4002*
		CGRL4003	GL41D			DL4003	RLR4003*
		CGRL4004	GL41G			DL4004	RLR4004*
		CGRL4005	GL41J			DL4005	RLR4005*
		CGRL4006	GL41K			DL4006	RLR4006*
		CGRL4007	GL41M			DL4007	RLR4007*
	SMA DO-214AC	CGRA4001	S1A	MRA4001	S1A		
		CGRA4002	S1B	MRA4002	S1B		
		CGRA4003	S1D	MRA4003	S1D		
		CGRA4004	S1G	MRA4004	S1G	1SR154-400	
		CGRA4005	S1J	MRA4005	S1J	1SR154-600	
		CGRA4006	S1K	MRA4006	S1K		
		CGRA4007	S1M	MRA4007	S1M		
General Purpose Rectifier Io=1.5A	SMA DO-214AC	CGRA151			S2AA		
		CGRA152			S2BA		
		CGRA153			S2DA		
		CGRA154			S2GA		
		CGRA155			S2JA		
		CGRA156			S2KA		
		CGRA157			S2MA		
General Purpose Rectifier Io=2.0A	SMB DO-214AA	CGRB201	S2A		S2A		
		CGRB202	S2B		S2B		
		CGRB203	S2D		S2D		
		CGRB204	S2G		S2G		
		CGRB205	S2J		S2J		
		CGRB206	S2K		S2K		
		CGRB207	S2M		S2M		
General Purpose Rectifier Io=3.0A	SMB DO-214AA	CGRB301	S3AB		S3AB		
		CGRB302	S3BB		S3BB		
		CGRB303	S3DB		S3DB		
		CGRB304	S3GB		S3GB		
		CGRB305	S3JB		S3JB		
		CGRB306	S3KB		S3KB		
General Purpose Rectifier Io=3.0A	SMC DO-214AB	CGRC301	S3A		S3A		
		CGRC302	S3B		S3B		
		CGRC303	S3D		S3D		
		CGRC304	S3G		S3G		
		CGRC305	S3J		S3J		
		CGRC306	S3K		S3K		
		CGRC307	S3M		S3M		
General Purpose Rectifier Io=5.0A	SMC DO-214AB	CGRC501			S5AC		
		CGRC502			S5BC		
		CGRC503			S5DC		
		CGRC504			S5GC		
		CGRC505			S5JC		
		CGRC506			S5KC		
CGRC507			S5MC				

* Glass Package

Fast Recovery Rectifier

Application	Case	Part No.	GS-Vishay	Diodes Inc.	Rohm
Fast Recovery Rectifier Io=1.0A	MiniSMA	CFRM101			
		CFRM102			
		CFRM103			
		CFRM104			
		CFRM105			
		CFRM106			
		CFRM107			
	Plastic Melf DO-213AB	CFRL101	RGL41A	DL4933	
		CFRL102	RGL41B	DL4934	
		CFRL103	RGL41D	DL4935	
		CFRL104	RGL41G	DL4936	
		CFRL105	RGL41J	DL4937	
		CFRL106	RGL41K	DL4938	
		CFRL107	RGL41M	DL4939	
	SMA DO-214AC	CFRA101	RS1A	RS1A	
		CFRA102	RS1B	RS1B	
		CFRA103	RS1D	RS1D	
CFRA104		RS1G	RS1G	1SR156-400	
CFRA105		RS1J	RS1J		
CFRA106		RS1K	RS1K		
CFRA107		RS1M	RS1M		
Fast Recovery Rectifier Io=1.5A	SMA DO-214AC	CFRA151		RS2AA	
		CFRA152		RS2BA	
		CFRA153		RS2DA	
		CFRA154		RS2GA	
		CFRA155		RS2JA	
		CFRA156		RS2KA	
		CFRA157		RS2MA	
Fast Recovery Rectifier Io=2.0A	SMB DO-214AA	CFRB201	RS2A	RS2A	
		CFRB202	RS2B	RS2B	
		CFRB203	RS2D	RS2D	
		CFRB204	RS2G	RS2G	
		CFRB205	RS2J	RS2J	
		CFRB206	RS2K	RS2K	
		CFRB207	RS2M	RS2M	
Fast Recovery Rectifier Io=3.0A	SMC DO-214AB	CFRC301	RS3A	RS3A	
		CFRC302	RS3B	RS3B	
		CFRC303	RS3D	RS3D	
		CFRC304	RS3G	RS3G	
		CFRC305	RS3J	RS3J	
		CFRC306	RS3K	RS3K	
		RS3M	RS3M		

Ultra Fast Recovery Rectifier

Application	Case	Part No.	GS-Vishay	Diodes Inc.	Rohm
Ultra Fast Recovery Rectifier I _o =1.0A	MiniSMA	CURM101			
		CURM102			
		CURM103			
		CURM104			
		CURM105			
		CURM106			
		CURM107			
	Plastic Melf DO-213AB	CURL101	EGL41A		
		CURL102	EGL41B		
		CURL103	EGL41D		
		CURL104	EGL41G		
		CURL105	EGL41J		
		CURL106	EGL41K		
		CURL107	EGL41M		
	SMA DO-214AC	CURA101	US1A	US1A	
		CURA102	US1B	US1B	
		CURA103	US1D	US1D	1SR159-200
CURA104		US1G	US1G		
CURA105		US1J	US1J		
CURA106		US1K	US1K		
CURA107		US1M	US1M		
Ultra Fast Recovery Rectifier I _o =1.5A	SMA DO-214AC	CURA151			
		CURA152			
		CURA153			
		CURA154			
		CURA155			
		CURA156			
		CURA157			
Ultra Fast Recovery Rectifier I _o =2.0A	SMB DO-214AA	CURB201			
		CURB202			
		CURB203			
		CURB204			
		CURB205			
		CURB206			
		CURB207			
Ultra Fast Recovery Rectifier I _o =3.0A	SMC DO-214AB	CURC301			
		CURC302			
		CURC303			
		CURC304			
		CURC305			
		CURC306			
		CURC307			

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радиодетали, электронные компоненты, каталог, описание, технические, характеристики,
datasheet, параметры, маркировка, габариты, фото, аналог, замена,

Efficient Fast Recovery Rectifier

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.	Rohm
Efficient Fast Recovery Rectifier Io=1.0A	Plastic Melf DO-213AB	CEFL101				
		CEFL102				
		CEFL103				
		CEFL104				
		CEFL105				
	SMA DO-214AC	CEFA101	ES1A		ES1A	
		CEFA102	ES1B		ES1B	
		CEFA103	ES1D		ES1D	
		CEFA104	ES1G			1SR159-400
		CEFA105				
	SMB DO-214AA	CEFB101				
		CEFB102				
		CEFB103		MURS120	MURS120	
		CEFB104				
		CEFB105		MURS160	MURS160	
Efficient Fast Recovery Rectifier Io=2.0A	SMB DO-214AA	CEFB201	ES2A		ES2A	
		CEFB202	ES2B		ES2B	
		CEFB203	ES2D		ES2D	
		CEFB204	ES2G			
		CEFB205				
Efficient Fast Recovery Rectifier Io=3.0A	SMC DO-214AB	CEFC301	ES3A		ES3A	
		CEFC302	ES3B		ES3B	
		CEFC303	ES3D	MURS320	ES3D	
		CEFC304	ES3G			
		CEFC305		MURS360		

Schottky Barrier Rectifier

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.	Rohm	
Rectification I _o =0.5A	SOD-123	CDBW0520		MBR0520	B0520LW		
		CDBW0530		MBR0530	B0530W		
		CDBW0540		MBR0540	B0540W		
Rectification I _o =1.0A	POWER-MITE DO-216AA	CDBE120		MBRM120			
		CDBE140		MBRM140			
	MiniSMA	CDBM120					
		CDBM140					RB160M-30
		CDBM160					
		CDBM180					
	Plastic Melf DO-213AB	CDBM1100					
		CDBL120	SGL41-20			1N5817M	
		CDBL140	SGL41-40			1N5819M	
		CDBL160	SGL41-60				
		CDBL180					
	SMA DO-214AC	CDBL1100					
		CDBA120	SS12			B120	
		CDBA140	SS14		MBRA140	B140	RB160-40
		CDBA160	SS16			B160	
CDBA180					B180		
SMB DO-214AA	CDBA1100				B1100		
	CDBB120	SK12			B120B		
	CDBB140	SK14		MBRS140	B140B		
	CDBB160	SK16			B160B		
	CDBB180				B180B		
Plastic Melf DO-213AB	CDBB1100			MBRS1100	B1100B		
	CDBL120L						
	CDBL140L						
	SMA DO-214AC	CDBA120L	SL12				RB161L-40
		CDBA120LL					
CDBA120SL							
CDBA140L							
CDBA140LL							
Low Vf Rectification I _o =1.0A	SMA DO-214AC	CDBA140SL					
		CDBA140SL					

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.	Rohm
Rectification I _o =2.0A	SMA DO-214AC	CDBA220			B220A	
		CDBA240			B240A	RB060L-40
		CDBA260			B260A	
		CDBA280			B280A	
		CDBA2100			B2100A	
	SMB DO-214AA	CDBB220	SS22		B220	
		CDBB240	SS24	MBRS240	B240	
		CDBB260	SS26		B260	
		CDBB280			B280	
		CDBB2100			B2100	
Low Vf Rectification I _o =2.0A	SMA DO-214AC	CDBA220L				
		CDBA220LL				
		CDBA240L				
		CDBA240LL				RB063L-30
Rectification I _o =3.0A	SMA DO-214AC	CDBA320			B320A	
		CDBA340			B340A	RB050L-40
		CDBA360			B360A	
		CDBA380			B380A	
		CDBA3100			B3100A	
	SMB DO-214AA	CDBB320			B320B	
		CDBB340			B340B	
		CDBB360			B360B	
		CDBB380			B380B	
		CDBB3100			B3100B	
	SMC DO-214AB	CDBC320	SS32		B320	
		CDBC340	SS34	MBRS340	B340	
		CDBC360	SS36	MBRS360	B360	
		CDBC380			B380	
Low Vf Rectification I _o =3.0A	DO-214AC	CDBA320L				
		CDBA340L			B340LA	RB051L-40
		CDBA320LL				
		CDBA340LL				RB053L-30
Rectification I _o =5.0A	SMC DO-214AB	CDBC520			B520C	
		CDBC540			B540C	
		CDBC560			B560C	
		CDBC580			B580C	
		CDBC5100			B5100C	
		I _o =8.0A	D-PAK	CDBD835L		MBRD835L
Rectification I _o =16.0A	D2-PAK (TO-263AB)	CDBD1530C			MBRB1530CT	
		CDBD1540C			MBRB1540CT	
		CDBD1545C		MBRB1545CT	MBRB1545CT	
		CDBD1550C				
		CDBD1560C				

Zener Rectifier

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
500mW Zener Rectifiers	SOD-123	CZRW5225B	MMSZ5225B	MMSZ5225B	MMSZ5225B
		CZRW5226B	MMSZ5226B	MMSZ5226B	MMSZ5226B
		CZRW5227B	MMSZ5227B	MMSZ5227B	MMSZ5227B
		CZRW5228B	MMSZ5228B	MMSZ5228B	MMSZ5228B
		CZRW5229B	MMSZ5229B	MMSZ5229B	MMSZ5229B
		CZRW5230B	MMSZ5230B	MMSZ5230B	MMSZ5230B
		CZRW5231B	MMSZ5231B	MMSZ5231B	MMSZ5231B
		CZRW5232B	MMSZ5231B	MMSZ5231B	MMSZ5231B
		CZRW5233B	MMSZ5233B	MMSZ5233B	MMSZ5233B
		CZRW5234B	MMSZ5234B	MMSZ5234B	MMSZ5234B
		CZRW5235B	MMSZ5235B	MMSZ5235B	MMSZ5235B
		CZRW5236B	MMSZ5236B	MMSZ5236B	MMSZ5236B
		CZRW5237B	MMSZ5237B	MMSZ5237B	MMSZ5237B
		CZRW5238B	MMSZ5238B	MMSZ5238B	MMSZ5238B
		CZRW5239B	MMSZ5239B	MMSZ5239B	MMSZ5239B
		CZRW5240B	MMSZ5240B	MMSZ5240B	MMSZ5240B
		CZRW5241B	MMSZ5241B	MMSZ5241B	MMSZ5241B
		CZRW5242B	MMSZ5241B	MMSZ5241B	MMSZ5241B
		CZRW5243B	MMSZ5243B	MMSZ5243B	MMSZ5243B
		CZRW5244B	MMSZ5244B	MMSZ5244B	MMSZ5244B
		CZRW5245B	MMSZ5245B	MMSZ5245B	MMSZ5245B
		CZRW5246B	MMSZ5246B	MMSZ5246B	MMSZ5246B
		CZRW5247B	MMSZ5247B	MMSZ5247B	MMSZ5247B
		CZRW5248B	MMSZ5248B	MMSZ5248B	MMSZ5248B
		CZRW5249B	MMSZ5249B	MMSZ5249B	MMSZ5249B
		CZRW5250B	MMSZ5250B	MMSZ5250B	MMSZ5250B
		CZRW5251B	MMSZ5251B	MMSZ5251B	MMSZ5251B
		CZRW5252B	MMSZ5252B	MMSZ5252B	MMSZ5252B
		CZRW5253B	MMSZ5253B	MMSZ5253B	MMSZ5253B
		CZRW5254B	MMSZ5254B	MMSZ5254B	MMSZ5254B
		CZRW5255B	MMSZ5255B	MMSZ5255B	MMSZ5255B
		CZRW5256B	MMSZ5256B	MMSZ5256B	MMSZ5256B
		CZRW5257B	MMSZ5257B	MMSZ5257B	MMSZ5257B
		CZRW5258B	MMSZ5258B	MMSZ5258B	MMSZ5258B
		CZRW5259B	MMSZ5259B	MMSZ5259B	MMSZ5259B
		CZRW5260B	MMSZ5260B	MMSZ5260B	MMSZ5260B
		CZRW5261B	MMSZ5261B	MMSZ5261B	MMSZ5261B
		CZRW5262B	MMSZ5262B	MMSZ5262B	MMSZ5262B
		CZRW5263B	MMSZ5263B	MMSZ5263B	MMSZ5263B
		CZRW5264B	MMSZ5264B	MMSZ5264B	MMSZ5264B
CZRW5265B	MMSZ5265B	MMSZ5265B	MMSZ5265B		
CZRW5266B	MMSZ5266B	MMSZ5266B	MMSZ5266B		
CZRW5267B	MMSZ5267B	MMSZ5267B	MMSZ5267B		

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
500mW Zener Rectifiers	SOD-323	CZRV5225B			MMSZ5225BS
		CZRV5226B			MMSZ5226BS
		CZRV5227B			MMSZ5227BS
		CZRV5228B			MMSZ5228BS
		CZRV5229B			MMSZ5229BS
		CZRV5230B			MMSZ5230BS
		CZRV5231B			MMSZ5231BS
		CZRV5232B			MMSZ5231BS
		CZRV5233B			MMSZ5233BS
		CZRV5234B			MMSZ5234BS
		CZRV5235B			MMSZ5235BS
		CZRV5236B			MMSZ5236BS
		CZRV5237B			MMSZ5237BS
		CZRV5238B			MMSZ5238BS
		CZRV5239B			MMSZ5239BS
		CZRV5240B			MMSZ5240BS
		CZRV5241B			MMSZ5241BS
		CZRV5242B			MMSZ5241BS
		CZRV5243B			MMSZ5243BS
		CZRV5244B			MMSZ5244BS
		CZRV5245B			MMSZ5245BS
		CZRV5246B			MMSZ5246BS
		CZRV5247B			MMSZ5247BS
		CZRV5248B			MMSZ5248BS
		CZRV5249B			MMSZ5249BS
		CZRV5250B			MMSZ5250BS
		CZRV5251B			MMSZ5251BS
		CZRV5252B			MMSZ5252BS
		CZRV5253B			MMSZ5253BS
		CZRV5254B			MMSZ5254BS
		CZRV5255B			MMSZ5255BS
		CZRV5256B			MMSZ5256BS
		CZRV5257B			MMSZ5257BS
		CZRV5258B			MMSZ5258BS
		CZRV5259B			MMSZ5259BS
		CZRV5260B			MMSZ5260BS
CZRV5261B			MMSZ5261BS		
CZRV5262B			MMSZ5262BS		
CZRV5263B			MMSZ5263BS		
CZRV5264B			MMSZ5264BS		
CZRV5265B			MMSZ5265BS		
CZRV5266B			MMSZ5266BS		
CZRV5267B			MMSZ5267BS		

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
500mW Zener Rectifiers	SOD-80 Mini-Melf (Glass)	CZRL5225B	ZMM5225B		ZMM5225B
		CZRL5226B	ZMM5226B		ZMM5226B
		CZRL5227B	ZMM5227B		ZMM5227B
		CZRL5228B	ZMM5228B		ZMM5228B
		CZRL5229B	ZMM5229B		ZMM5229B
		CZRL5230B	ZMM5230B		ZMM5230B
		CZRL5231B	ZMM5231B		ZMM5231B
		CZRL5232B	ZMM5232B		ZMM5232B
		CZRL5233B	ZMM5233B		ZMM5233B
		CZRL5234B	ZMM5234B		ZMM5234B
		CZRL5235B	ZMM5235B		ZMM5235B
		CZRL5236B	ZMM5236B		ZMM5236B
		CZRL5237B	ZMM5237B		ZMM5237B
		CZRL5238B	ZMM5238B		ZMM5238B
		CZRL5239B	ZMM5239B		ZMM5239B
		CZRL5240B	ZMM5240B		ZMM5240B
		CZRL5241B	ZMM5241B		ZMM5241B
		CZRL5242B	ZMM5242B		ZMM5242B
		CZRL5243B	ZMM5243B		ZMM5243B
		CZRL5244B	ZMM5244B		ZMM5244B
		CZRL5245B	ZMM5245B		ZMM5245B
		CZRL5246B	ZMM5246B		ZMM5246B
		CZRL5247B	ZMM5247B		ZMM5247B
		CZRL5248B	ZMM5248B		ZMM5248B
		CZRL5249B	ZMM5249B		ZMM5249B
		CZRL5250B	ZMM5250B		ZMM5250B
		CZRL5251B	ZMM5251B		ZMM5251B
		CZRL5252B	ZMM5252B		ZMM5252B
		CZRL5253B	ZMM5253B		ZMM5253B
		CZRL5254B	ZMM5254B		ZMM5254B
		CZRL5255B	ZMM5255B		ZMM5255B
		CZRL5256B	ZMM5256B		ZMM5256B
		CZRL5257B	ZMM5257B		ZMM5257B
		CZRL5258B	ZMM5258B		ZMM5258B
		CZRL5259B	ZMM5259B		ZMM5259B
		CZRL5260B	ZMM5260B		ZMM5260B
		CZRL5261B	ZMM5261B		ZMM5261B
		CZRL5262B	ZMM5262B		ZMM5262B
		CZRL5263B	ZMM5263B		ZMM5263B
		CZRL5264B	ZMM5264B		ZMM5264B
CZRL5265B	ZMM5265B		ZMM5265B		
CZRL5266B	ZMM5266B		ZMM5266B		
CZRL5267B	ZMM5267B		ZMM5267B		

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
500mW Zener Rectifiers	SOT-23	CZRT5225B	MMBZ5225B	MMBZ5225B	MMBZ5225B
		CZRT5226B	MMBZ5226B	MMBZ5226B	MMBZ5226B
		CZRT5227B	MMBZ5227B	MMBZ5227B	MMBZ5227B
		CZRT5228B	MMBZ5228B	MMBZ5228B	MMBZ5228B
		CZRT5229B	MMBZ5229B	MMBZ5229B	MMBZ5229B
		CZRT5230B	MMBZ5230B	MMBZ5230B	MMBZ5230B
		CZRT5231B	MMBZ5231B	MMBZ5231B	MMBZ5231B
		CZRT5232B	MMBZ5232B	MMBZ5232B	MMBZ5232B
		CZRT5233B	MMBZ5233B	MMBZ5233B	MMBZ5233B
		CZRT5234B	MMBZ5234B	MMBZ5234B	MMBZ5234B
		CZRT5235B	MMBZ5235B	MMBZ5235B	MMBZ5235B
		CZRT5236B	MMBZ5236B	MMBZ5236B	MMBZ5236B
		CZRT5237B	MMBZ5237B	MMBZ5237B	MMBZ5237B
		CZRT5238B	MMBZ5238B	MMBZ5238B	MMBZ5238B
		CZRT5239B	MMBZ5239B	MMBZ5239B	MMBZ5239B
		CZRT5240B	MMBZ5240B	MMBZ5240B	MMBZ5240B
		CZRT5241B	MMBZ5241B	MMBZ5241B	MMBZ5241B
		CZRT5242B	MMBZ5242B	MMBZ5242B	MMBZ5242B
		CZRT5243B	MMBZ5243B	MMBZ5243B	MMBZ5243B
		CZRT5244B	MMBZ5244B	MMBZ5244B	MMBZ5244B
		CZRT5245B	MMBZ5245B	MMBZ5245B	MMBZ5245B
		CZRT5246B	MMBZ5246B	MMBZ5246B	MMBZ5246B
		CZRT5247B	MMBZ5247B	MMBZ5247B	MMBZ5247B
		CZRT5248B	MMBZ5248B	MMBZ5248B	MMBZ5248B
		CZRT5249B	MMBZ5249B	MMBZ5249B	MMBZ5249B
		CZRT5250B	MMBZ5250B	MMBZ5250B	MMBZ5250B
		CZRT5251B	MMBZ5251B	MMBZ5251B	MMBZ5251B
		CZRT5252B	MMBZ5252B	MMBZ5252B	MMBZ5252B
		CZRT5253B	MMBZ5253B	MMBZ5253B	MMBZ5253B
		CZRT5254B	MMBZ5254B	MMBZ5254B	MMBZ5254B
		CZRT5255B	MMBZ5255B	MMBZ5255B	MMBZ5255B
		CZRT5256B	MMBZ5256B	MMBZ5256B	MMBZ5256B
		CZRT5257B	MMBZ5257B	MMBZ5257B	MMBZ5257B
		CZRT5258B	MMBZ5258B	MMBZ5258B	MMBZ5258B
		CZRT5259B	MMBZ5259B	MMBZ5259B	MMBZ5259B
		CZRT5260B	MMBZ5260B	MMBZ5260B	MMBZ5260B
CZRT5261B	MMBZ5261B	MMBZ5261B	MMBZ5261B		
CZRT5262B	MMBZ5262B	MMBZ5262B	MMBZ5262B		
CZRT5263B	MMBZ5263B	MMBZ5263B	MMBZ5263B		
CZRT5264B	MMBZ5264B	MMBZ5264B	MMBZ5264B		
CZRT5265B	MMBZ5265B	MMBZ5265B	MMBZ5265B		
CZRT5266B	MMBZ5266B	MMBZ5266B	MMBZ5266B		
CZRT5267B	MMBZ5267B	MMBZ5267B	MMBZ5267B		

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
410mW Zener Rectifiers	SOD-123	CZRW55C2V4	BZT52-C2V4	MMSZ2V4	BZT52-C2V4
		CZRW55C2V7	BZT52-C2V7	MMSZ2V7	BZT52-C2V7
		CZRW55C3V0	BZT52-C3V0	MMSZ3V0	BZT52-C3V0
		CZRW55C3V3	BZT52-C3V3	MMSZ3V3	BZT52-C3V3
		CZRW55C3V6	BZT52-C3V6	MMSZ3V6	BZT52-C3V6
		CZRW55C3V9	BZT52-C3V9	MMSZ3V9	BZT52-C3V9
		CZRW55C4V3	BZT52-C4V3	MMSZ4V3	BZT52-C4V3
		CZRW55C4V7	BZT52-C4V7	MMSZ4V7	BZT52-C4V7
		CZRW55C5V1	BZT52-C5V1	MMSZ5V1	BZT52-C5V1
		CZRW55C5V6	BZT52-C5V6	MMSZ5V6	BZT52-C5V6
		CZRW55C6V2	BZT52-C6V2	MMSZ6V2	BZT52-C6V2
		CZRW55C6V8	BZT52-C6V8	MMSZ6V8	BZT52-C6V8
		CZRW55C7V5	BZT52-C7V5	MMSZ7V5	BZT52-C7V5
		CZRW55C8V2	BZT52-C8V2	MMSZ8V2	BZT52-C8V2
		CZRW55C9V1	BZT52-C9V1	MMSZ9V1	BZT52-C9V1
		CZRW55C10	BZT52-C10	MMSZ10V	BZT52-C10
		CZRW55C11	BZT52-C11	MMSZ11V	BZT52-C11
		CZRW55C12	BZT52-C12	MMSZ12V	BZT52-C12
		CZRW55C13	BZT52-C13	MMSZ13V	BZT52-C13
		CZRW55C15	BZT52-C15	MMSZ15V	BZT52-C15
		CZRW55C16	BZT52-C16	MMSZ16V	BZT52-C16
		CZRW55C18	BZT52-C18	MMSZ18V	BZT52-C18
		CZRW55C20	BZT52-C20	MMSZ20V	BZT52-C20
		CZRW55C22	BZT52-C22	MMSZ22V	BZT52-C22
		CZRW55C24	BZT52-C24	MMSZ24V	BZT52-C24
		CZRW55C27	BZT52-C27	MMSZ27V	BZT52-C27
		CZRW55C30	BZT52-C30	MMSZ30V	BZT52-C30
		CZRW55C33	BZT52-C33	MMSZ33V	BZT52-C33
		CZRW55C36	BZT52-C36	MMSZ36V	BZT52-C36
		CZRW55C39	BZT52-C39	MMSZ39V	BZT52-C39
		CZRW55C43	BZT52-C43	MMSZ43V	BZT52-C43
		CZRW55C47	BZT52-C47	MMSZ47V	BZT52-C47
		CZRW55C51	BZT52-C51	MMSZ51V	BZT52-C51
		CZRW55C56	BZT52-C56	MMSZ56V	BZT52-C56
		CZRW55C62	BZT52-C62	MMSZ62V	BZT52-C62
CZRW55C68	BZT52-C68	MMSZ68V	BZT52-C68		
CZRW55C75	BZT52-C75	MMSZ75V	BZT52-C75		

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
410mW Zener Rectifiers	SOD-323	CZRV55C2V4		MM3Z2V4	BZT52-C2V4S
		CZRV55C2V7		MM3Z2V7	BZT52-C2V7S
		CZRV55C3V0		MM3Z3V0	BZT52-C3V0S
		CZRV55C3V3		MM3Z3V3	BZT52-C3V3S
		CZRV55C3V6		MM3Z3V6	BZT52-C3V6S
		CZRV55C3V9		MM3Z3V9	BZT52-C3V9S
		CZRV55C4V3		MM3Z4V3	BZT52-C4V3S
		CZRV55C4V7		MM3Z4V7	BZT52-C4V7S
		CZRV55C5V1		MM3Z5V1	BZT52-C5V1S
		CZRV55C5V6		MM3Z5V6	BZT52-C5V6S
		CZRV55C6V2		MM3Z6V2	BZT52-C6V2S
		CZRV55C6V8		MM3Z6V8	BZT52-C6V8S
		CZRV55C7V5		MM3Z7V5	BZT52-C7V5S
		CZRV55C8V2		MM3Z8V2	BZT52-C8V2S
		CZRV55C9V1		MM3Z9V1	BZT52-C9V1S
		CZRV55C10		MM3Z10V	BZT52-C10S
		CZRV55C11		MM3Z11V	BZT52-C11S
		CZRV55C12		MM3Z12V	BZT52-C12S
		CZRV55C13		MM3Z13V	BZT52-C13S
		CZRV55C15		MM3Z15V	BZT52-C15S
		CZRV55C16		MM3Z16V	BZT52-C16S
		CZRV55C18		MM3Z18V	BZT52-C18S
		CZRV55C20		MM3Z20V	BZT52-C20S
		CZRV55C22		MM3Z22V	BZT52-C22S
		CZRV55C24		MM3Z24V	BZT52-C24S
		CZRV55C27		MM3Z27V	BZT52-C27S
		CZRV55C30		MM3Z30V	BZT52-C30S
		CZRV55C33		MM3Z33V	BZT52-C33S
		CZRV55C36		MM3Z36V	BZT52-C36S
		CZRV55C39		MM3Z39V	BZT52-C39S
		CZRV55C43		MM3Z43V	BZT52-C43S
		CZRV55C47		MM3Z47V	BZT52-C47S
		CZRV55C51		MM3Z51V	BZT52-C51S
CZRV55C56		MM3Z56V	BZT52-C56S		
CZRV55C62		MM3Z62V	BZT52-C62S		
CZRV55C68		MM3Z68V	BZT52-C68S		
CZRV55C75		MM3Z75V	BZT52-C75S		

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
410mW Zener Rectifiers	SOD-80 Mini-Melf (Glass) (LL-35)	CZRL55C2V4	BZV55-C2V4		
		CZRL55C2V7	BZV55-C2V7		
		CZRL55C3V0	BZV55-C3V0		
		CZRL55C3V3	BZV55-C3V3		
		CZRL55C3V6	BZV55-C3V6		
		CZRL55C3V9	BZV55-C3V9		
		CZRL55C4V3	BZV55-C4V3		
		CZRL55C4V7	BZV55-C4V7		
		CZRL55C5V1	BZV55-C5V1		
		CZRL55C5V6	BZV55-C5V6		
		CZRL55C6V2	BZV55-C6V2		
		CZRL55C6V8	BZV55-C6V8		
		CZRL55C7V5	BZV55-C7V5		
		CZRL55C8V2	BZV55-C8V2		
		CZRL55C9V1	BZV55-C9V1		
		CZRL55C10	BZV55-C10		
		CZRL55C11	BZV55-C11		
		CZRL55C12	BZV55-C12		
		CZRL55C13	BZV55-C13		
		CZRL55C15	BZV55-C15		
		CZRL55C16	BZV55-C16		
		CZRL55C18	BZV55-C18		
		CZRL55C20	BZV55-C20		
		CZRL55C22	BZV55-C22		
		CZRL55C24	BZV55-C24		
		CZRL55C27	BZV55-C27		
		CZRL55C30	BZV55-C30		
		CZRL55C33	BZV55-C33		
		CZRL55C36	BZV55-C36		
		CZRL55C39	BZV55-C39		
		CZRL55C43	BZV55-C43		
		CZRL55C47	BZV55-C47		
		CZRL55C51	BZV55-C51		
		CZRL55C56	BZV55-C56		
		CZRL55C62	BZV55-C62		
CZRL55C68	BZV55-C68				
CZRL55C75	BZV55-C75				

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
410mW Zener Rectifiers	SOT-23	CZRT55C2V4	BZX84-C2V4		BZX84-C2V4
		CZRT55C2V7	BZX84-C2V7		BZX84-C2V7
		CZRT55C3V0	BZX84-C3V0		BZX84-C3V0
		CZRT55C3V3	BZX84-C3V3		BZX84-C3V3
		CZRT55C3V6	BZX84-C3V6		BZX84-C3V6
		CZRT55C3V9	BZX84-C3V9		BZX84-C3V9
		CZRT55C4V3	BZX84-C4V3		BZX84-C4V3
		CZRT55C4V7	BZX84-C4V7		BZX84-C4V7
		CZRT55C5V1	BZX84-C5V1		BZX84-C5V1
		CZRT55C5V6	BZX84-C5V6		BZX84-C5V6
		CZRT55C6V2	BZX84-C6V2		BZX84-C6V2
		CZRT55C6V8	BZX84-C6V8		BZX84-C6V8
		CZRT55C7V5	BZX84-C7V5		BZX84-C7V5
		CZRT55C8V2	BZX84-C8V2		BZX84-C8V2
		CZRT55C9V1	BZX84-C9V1		BZX84-C9V1
		CZRT55C10	BZX84-C10		BZX84-C10
		CZRT55C11	BZX84-C11		BZX84-C11
		CZRT55C12	BZX84-C12		BZX84-C12
		CZRT55C13	BZX84-C13		BZX84-C13
		CZRT55C15	BZX84-C15		BZX84-C15
		CZRT55C16	BZX84-C16		BZX84-C16
		CZRT55C18	BZX84-C18		BZX84-C18
		CZRT55C20	BZX84-C20		BZX84-C20
		CZRT55C22	BZX84-C22		BZX84-C22
		CZRT55C24	BZX84-C24		BZX84-C24
		CZRT55C27	BZX84-C27		BZX84-C27
		CZRT55C30	BZX84-C30		BZX84-C30
		CZRT55C33	BZX84-C33		BZX84-C33
		CZRT55C36	BZX84-C36		BZX84-C36
		CZRT55C39	BZX84-C39		BZX84-C39
		CZRT55C43	BZX84-C43		BZX84-C43
		CZRT55C47	BZX84-C47		BZX84-C47
		CZRT55C51	BZX84-C51		BZX84-C51
		CZRT55C56	BZX84-C56		BZX84-C56
		CZRT55C62	BZX84-C62		BZX84-C62
CZRT55C68	BZX84-C68		BZX84-C68		
CZRT55C75	BZX84-C75		BZX84-C75		

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
1.0W Zener Diode	Glass Melf (LL-41)	CZRL4728	ZM4728		ZM4728
		CZRL4729	ZM4729		ZM4729
		CZRL4730	ZM4730		ZM4730
		CZRL4731	ZM4731		ZM4731
		CZRL4732	ZM4732		ZM4732
		CZRL4733	ZM4733		ZM4733
		CZRL4734	ZM4734		ZM4734
		CZRL4735	ZM4735		ZM4735
		CZRL4736	ZM4736		ZM4736
		CZRL4737	ZM4737		ZM4737
		CZRL4738	ZM4738		ZM4738
		CZRL4739	ZM4739		ZM4739
		CZRL4740	ZM4740		ZM4740
		CZRL4741	ZM4741		ZM4741
		CZRL4742	ZM4742		ZM4742
		CZRL4743	ZM4743		ZM4743
		CZRL4744	ZM4744		ZM4744
		CZRL4745	ZM4745		ZM4745
		CZRL4746	ZM4746		ZM4746
		CZRL4747	ZM4747		ZM4747
		CZRL4748	ZM4748		ZM4748
		CZRL4749	ZM4749		ZM4749
		CZRL4750	ZM4750		ZM4750
		CZRL4751	ZM4751		ZM4751
		CZRL4752	ZM4752		ZM4752
		CZRL4753	ZM4753		ZM4753
		CZRL4754	ZM4754		ZM4754
		CZRL4755	ZM4755		ZM4755
		CZRL4756	ZM4756		ZM4756
		CZRL4757	ZM4757		ZM4757
		CZRL4758	ZM4758		ZM4758
		CZRL4759	ZM4759		ZM4759
		CZRL4760	ZM4760		ZM4760
CZRL4761	ZM4761		ZM4761		
CZRL4762	ZM4762		ZM4762		
CZRL4763	ZM4763		ZM4763		
CZRL4764	ZM4764		ZM4764		

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
1.0W Zener Diode	SMA DO-214AC	CZRA4741	SML4741		SMAZ11
		CZRA4742	SML4742		SMAZ12
		CZRA4743	SML4743		SMAZ13
		CZRA4744	SML4744		SMAZ15
		CZRA4745	SML4745		SMAZ16
		CZRA4746	SML4746		SMAZ18
		CZRA4747	SML4747		SMAZ20
		CZRA4748	SML4748		SMAZ22
		CZRA4749	SML4749		SMAZ24
		CZRA4750	SML4750		SMAZ27
		CZRA4751	SML4751		SMAZ30
		CZRA4752	SML4752		SMAZ33
		CZRA4753	SML4753		SMAZ36
		CZRA4754	SML4754		SMAZ39
		CZRA4755	SML4755		SMAZ43
		CZRA4756	SML4756		SMAZ47
		CZRA4757	SML4757		SMAZ51
		CZRA4758	SML4758		SMAZ56
		CZRA4759	SML4759		SMAZ62
		CZRA4760	SML4760		SMAZ68
CZRA4761	SML4761		SMAZ75		
CZRA4762	SML4762		SMAZ82		
CZRA4763	SML4763		SMAZ91		
CZRA4764	SML4764		SMAZ100		

5%: Suffix "B", 10% Suffix "A"

Transient Voltage Suppressor

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
Power 400W	SMA DO-214AC	TV04A5V0K(B)	SMAJ5.0(C)	1SMA5.0(C)	SMAJ5.0(C)
		TV04A5V0J(B)	SMAJ5.0(C)A	1SMA5.0(C)A	SMAJ5.0(C)A
		TV04A6V0K(B)	SMAJ6.0(C)	1SMA6.0(C)	SMAJ6.0(C)
		TV04A6V0J(B)	SMAJ6.0(C)A	1SMA6.0(C)A	SMAJ6.0(C)A
		TV04A6V5K(B)	SMAJ6.5(C)	1SMA6.5(C)	SMAJ6.5(C)
		TV04A6V5J(B)	SMAJ6.5(C)A	1SMA6.5(C)A	SMAJ6.5(C)A
		TV04A7V0K(B)	SMAJ7.0(C)	1SMA7.0(C)	SMAJ7.0(C)
		TV04A7V0J(B)	SMAJ7.0(C)A	1SMA7.0(C)A	SMAJ7.0(C)A
		TV04A7V5K(B)	SMAJ7.5(C)	1SMA7.5(C)	SMAJ7.5(C)
		TV04A7V5J(B)	SMAJ7.5(C)A	1SMA7.5(C)A	SMAJ7.5(C)A
		TV04A8V0K(B)	SMAJ8.0(C)	1SMA8.0(C)	SMAJ8.0(C)
		TV04A8V0J(B)	SMAJ8.0(C)A	1SMA8.0(C)A	SMAJ8.0(C)A
		TV04A8V5K(B)	SMAJ8.5(C)	1SMA8.5(C)	SMAJ8.5(C)
		TV04A8V5J(B)	SMAJ8.5(C)A	1SMA8.5(C)A	SMAJ8.5(C)A
		TV04A9V0K(B)	SMAJ9.0(C)	1SMA9.0(C)	SMAJ9.0(C)
		TV04A9V0J(B)	SMAJ9.0(C)A	1SMA9.0(C)A	SMAJ9.0(C)A
		TV04A100K(B)	SMAJ10(C)	1SMA10(C)	SMAJ10(C)
		TV04A100J(B)	SMAJ10(C)A	1SMA10(C)A	SMAJ10(C)A
		TV04A110K(B)	SMAJ11(C)	1SMA11(C)	SMAJ11(C)
		TV04A110J(B)	SMAJ11(C)A	1SMA11(C)A	SMAJ11(C)A
		TV04A120K(B)	SMAJ12(C)	1SMA12(C)	SMAJ12(C)
		TV04A120J(B)	SMAJ12(C)A	1SMA12(C)A	SMAJ12(C)A
		TV04A130K(B)	SMAJ13(C)	1SMA13(C)	SMAJ13(C)
		TV04A130J(B)	SMAJ13(C)A	1SMA13(C)A	SMAJ13(C)A
		TV04A140K(B)	SMAJ14(C)	1SMA14(C)	SMAJ14(C)
		TV04A140J(B)	SMAJ14(C)A	1SMA14(C)A	SMAJ14(C)A
		TV04A150K(B)	SMAJ15(C)	1SMA15(C)	SMAJ15(C)
		TV04A150J(B)	SMAJ15(C)A	1SMA15(C)A	SMAJ15(C)A
		TV04A160K(B)	SMAJ16(C)	1SMA16(C)	SMAJ16(C)
		TV04A160J(B)	SMAJ16(C)A	1SMA16(C)A	SMAJ16(C)A
		TV04A170K(B)	SMAJ17(C)	1SMA17(C)	SMAJ17(C)
		TV04A170J(B)	SMAJ17(C)A	1SMA17(C)A	SMAJ17(C)A
		TV04A180K(B)	SMAJ18(C)	1SMA18(C)	SMAJ18(C)
		TV04A180J(B)	SMAJ18(C)A	1SMA18(C)A	SMAJ18(C)A
		TV04A200K(B)	SMAJ20(C)	1SMA20(C)	SMAJ20(C)
		TV04A200J(B)	SMAJ20(C)A	1SMA20(C)A	SMAJ20(C)A
		TV04A220K(B)	SMAJ22(C)	1SMA22(C)	SMAJ22(C)
		TV04A220J(B)	SMAJ22(C)A	1SMA22(C)A	SMAJ22(C)A
		TV04A240K(B)	SMAJ24(C)	1SMA24(C)	SMAJ24(C)
		TV04A240J(B)	SMAJ24(C)A	1SMA24(C)A	SMAJ24(C)A
TV04A260K(B)	SMAJ26(C)	1SMA26(C)	SMAJ26(C)		
TV04A260J(B)	SMAJ26(C)A	1SMA26(C)A	SMAJ26(C)A		
TV04A280K(B)	SMAJ28(C)	1SMA28(C)	SMAJ28(C)		
TV04A280J(B)	SMAJ28(C)A	1SMA28(C)A	SMAJ28(C)A		
TV04A300K(B)	SMAJ30(C)	1SMA30(C)	SMAJ30(C)		
TV04A300J(B)	SMAJ30(C)A	1SMA30(C)A	SMAJ30(C)A		
TV04A330K(B)	SMAJ33(C)	1SMA33(C)	SMAJ33(C)		
TV04A330J(B)	SMAJ33(C)A	1SMA33(C)A	SMAJ33(C)A		
TV04A360K(B)	SMAJ36(C)	1SMA36(C)	SMAJ36(C)		
TV04A360J(B)	SMAJ36(C)A	1SMA36(C)A	SMAJ36(C)A		
TV04A400K(B)	SMAJ40(C)	1SMA40(C)	SMAJ40(C)		

J: 5%

K: 10%

B: Bi-Direction

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
Power 400W	SMA DO-214AC	TV04A400J(B)	SMAJ40(C)A	1SMA40(C)A	SMAJ40(C)A
		TV04A430K(B)	SMAJ43(C)	1SMA43(C)	SMAJ43(C)
		TV04A430J(B)	SMAJ43(C)A	1SMA43(C)A	SMAJ43(C)A
		TV04A450K(B)	SMAJ45(C)	1SMA45(C)	SMAJ45(C)
		TV04A450J(B)	SMAJ45(C)A	1SMA45(C)A	SMAJ45(C)A
		TV04A480K(B)	SMAJ48(C)	1SMA48(C)	SMAJ48(C)
		TV04A480J(B)	SMAJ48(C)A	1SMA48(C)A	SMAJ48(C)A
		TV04A510K(B)	SMAJ51(C)	1SMA51(C)	SMAJ51(C)
		TV04A510J(B)	SMAJ51(C)A	1SMA51(C)A	SMAJ51(C)A
		TV04A540K(B)	SMAJ54(C)	1SMA54(C)	SMAJ54(C)
		TV04A540J(B)	SMAJ54(C)A	1SMA54(C)A	SMAJ54(C)A
		TV04A580K(B)	SMAJ58(C)	1SMA58(C)	SMAJ58(C)
		TV04A580J(B)	SMAJ58(C)A	1SMA58(C)A	SMAJ58(C)A
		TV04A600K(B)	SMAJ60(C)	1SMA60(C)	SMAJ60(C)
		TV04A600J(B)	SMAJ60(C)A	1SMA60(C)A	SMAJ60(C)A
		TV04A640K(B)	SMAJ64(C)	1SMA64(C)	SMAJ64(C)
		TV04A640J(B)	SMAJ64(C)A	1SMA64(C)A	SMAJ64(C)A
		TV04A700K(B)	SMAJ70(C)	1SMA70(C)	SMAJ70(C)
		TV04A700J(B)	SMAJ70(C)A	1SMA70(C)A	SMAJ70(C)A
		TV04A750K(B)	SMAJ75(C)	1SMA75(C)	SMAJ75(C)
		TV04A750J(B)	SMAJ75(C)A	1SMA75(C)A	SMAJ75(C)A
		TV04A780K(B)	SMAJ80(C)	1SMA78(C)	SMAJ80(C)
		TV04A780J(B)	SMAJ80(C)A	1SMA78(C)A	SMAJ80(C)A
		TV04A850K(B)	SMAJ85(C)	1SMA85(C)	SMAJ85(C)
		TV04A850J(B)	SMAJ85(C)A	1SMA85(C)A	SMAJ85(C)A
		TV04A900K(B)	SMAJ90(C)	1SMA90(C)	SMAJ90(C)
		TV04A900J(B)	SMAJ90(C)A	1SMA90(C)A	SMAJ90(C)A
		TV04A101K(B)	SMAJ100(C)	1SMA100(C)	SMAJ100(C)
		TV04A101J(B)	SMAJ100(C)A	1SMA100(C)A	SMAJ100(C)A
		TV04A111K(B)	SMAJ110(C)	1SMA110(C)	SMAJ110(C)
		TV04A111J(B)	SMAJ110(C)A	1SMA110(C)A	SMAJ110(C)A
		TV04A121K(B)	SMAJ120(C)	1SMA120(C)	SMAJ120(C)
		TV04A121J(B)	SMAJ120(C)A	1SMA12(C)A	SMAJ120(C)A
		TV04A131K(B)	SMAJ130(C)	1SMA130(C)	SMAJ130(C)
		TV04A131J(B)	SMAJ130(C)A	1SMA130(C)A	SMAJ130(C)A
		TV04A151K(B)	SMAJ150(C)	1SMA150(C)	SMAJ150(C)
		TV04A151J(B)	SMAJ150(C)A	1SMA150(C)A	SMAJ150(C)A
		TV04A161K(B)	SMAJ160(C)	1SMA160(C)	SMAJ160(C)
		TV04A161J(B)	SMAJ160(C)A	1SMA160(C)A	SMAJ160(C)A
		TV04A171K(B)	SMAJ170(C)	1SMA170(C)	SMAJ170(C)
TV04A171J(B)	SMAJ170(C)A	1SMA170(C)A	SMAJ170(C)A		

J: 5%

K:10%

B:Bi-Direction

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
Power 600W	SMB DO-214AA	TV06B5V0K(B)	SMBJ5.0(C)	1SMB5.0(C)	SMBJ5.0(C)
		TV06B5V0J(B)	SMBJ5.0(C)A	1SMB5.0(C)A	SMBJ5.0(C)A
		TV06B6V0K(B)	SMBJ6.0(C)	1SMB6.0(C)	SMBJ6.0(C)
		TV06B6V0J(B)	SMBJ6.0(C)A	1SMB6.0(C)A	SMBJ6.0(C)A
		TV06B6V5K(B)	SMBJ6.5(C)	1SMB6.5(C)	SMBJ6.5(C)
		TV06B6V5J(B)	SMBJ6.5(C)A	1SMB6.5(C)A	SMBJ6.5(C)A
		TV06B7V0K(B)	SMBJ7.0(C)	1SMB7.0(C)	SMBJ7.0(C)
		TV06B7V0J(B)	SMBJ7.0(C)A	1SMB7.0(C)A	SMBJ7.0(C)A
		TV06B7V5K(B)	SMBJ7.5(C)	1SMB7.5(C)	SMBJ7.5(C)
		TV06B7V5J(B)	SMBJ7.5(C)A	1SMB7.5(C)A	SMBJ7.5(C)A
		TV06B8V0K(B)	SMBJ8.0(C)	1SMB8.0(C)	SMBJ8.0(C)
		TV06B8V0J(B)	SMBJ8.0(C)A	1SMB8.0(C)A	SMBJ8.0(C)A
		TV06B8V5K(B)	SMBJ8.5(C)	1SMB8.5(C)	SMBJ8.5(C)
		TV06B8V5J(B)	SMBJ8.5(C)A	1SMB8.5(C)A	SMBJ8.5(C)A
		TV06B9V0K(B)	SMBJ9.0(C)	1SMB9.0(C)	SMBJ9.0(C)
		TV06B9V0J(B)	SMBJ9.0(C)A	1SMB9.0(C)A	SMBJ9.0(C)A
		TV06B100K(B)	SMBJ10(C)	1SMB10(C)	SMBJ10(C)
		TV06B100J(B)	SMBJ10(C)A	1SMB10(C)A	SMBJ10(C)A
		TV06B110K(B)	SMBJ11(C)	1SMB11(C)	SMBJ11(C)
		TV06B110J(B)	SMBJ11(C)A	1SMB11(C)A	SMBJ11(C)A
		TV06B120K(B)	SMBJ12(C)	1SMB12(C)	SMBJ12(C)
		TV06B120J(B)	SMBJ12(C)A	1SMB12(C)A	SMBJ12(C)A
		TV06B130K(B)	SMBJ13(C)	1SMB13(C)	SMBJ13(C)
		TV06B130J(B)	SMBJ13(C)A	1SMB13(C)A	SMBJ13(C)A
		TV06B140K(B)	SMBJ14(C)	1SMB14(C)	SMBJ14(C)
		TV06B140J(B)	SMBJ14(C)A	1SMB14(C)A	SMBJ14(C)A
		TV06B150K(B)	SMBJ15(C)	1SMB15(C)	SMBJ15(C)
		TV06B150J(B)	SMBJ15(C)A	1SMB15(C)A	SMBJ15(C)A
		TV06B160K(B)	SMBJ16(C)	1SMB16(C)	SMBJ16(C)
		TV06B160J(B)	SMBJ16(C)A	1SMB16(C)A	SMBJ16(C)A
		TV06B170K(B)	SMBJ17(C)	1SMB17(C)	SMBJ17(C)
		TV06B170J(B)	SMBJ17(C)A	1SMB17(C)A	SMBJ17(C)A
		TV06B180K(B)	SMBJ18(C)	1SMB18(C)	SMBJ18(C)
		TV06B180J(B)	SMBJ18(C)A	1SMB18(C)A	SMBJ18(C)A
		TV06B200K(B)	SMBJ20(C)	1SMB20(C)	SMBJ20(C)
		TV06B200J(B)	SMBJ20(C)A	1SMB20(C)A	SMBJ20(C)A
		TV06B220K(B)	SMBJ22(C)	1SMB22(C)	SMBJ22(C)
		TV06B220J(B)	SMBJ22(C)A	1SMB22(C)A	SMBJ22(C)A
		TV06B240K(B)	SMBJ24(C)	1SMB24(C)	SMBJ24(C)
		TV06B240J(B)	SMBJ24(C)A	1SMB24(C)A	SMBJ24(C)A
		TV06B260K(B)	SMBJ26(C)	1SMB26(C)	SMBJ26(C)
		TV06B260J(B)	SMBJ26(C)A	1SMB26(C)A	SMBJ26(C)A
		TV06B280K(B)	SMBJ28(C)	1SMB28(C)	SMBJ28(C)
		TV06B280J(B)	SMBJ28(C)A	1SMB28(C)A	SMBJ28(C)A
		TV06B300K(B)	SMBJ30(C)	1SMB30(C)	SMBJ30(C)
		TV06B300J(B)	SMBJ30(C)A	1SMB30(C)A	SMBJ30(C)A
		TV06B330K(B)	SMBJ33(C)	1SMB33(C)	SMBJ33(C)
		TV06B330J(B)	SMBJ33(C)A	1SMB33(C)A	SMBJ33(C)A
TV06B360K(B)	SMBJ36(C)	1SMB36(C)	SMBJ36(C)		
TV06B360J(B)	SMBJ36(C)A	1SMB36(C)A	SMBJ36(C)A		
TV06B400K(B)	SMBJ40(C)	1SMB40(C)	SMBJ40(C)		
TV06B400J(B)	SMBJ40(C)A	1SMB40(C)A	SMBJ40(C)A		

J: 5%

K: 10%

B: Bi-Direction

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
Power 600W	SMB DO-214AA	TV06B430K(B)	SMBJ43(C)	1SMB43(C)	SMBJ43(C)
		TV06B430J(B)	SMBJ43(C)A	1SMB43(C)A	SMBJ43(C)A
		TV06B450K(B)	SMBJ45(C)	1SMB45(C)	SMBJ45(C)
		TV06B450J(B)	SMBJ45(C)A	1SMB45(C)A	SMBJ45(C)A
		TV06B480K(B)	SMBJ48(C)	1SMB48(C)	SMBJ48(C)
		TV06B480J(B)	SMBJ48(C)A	1SMB48(C)A	SMBJ48(C)A
		TV06B510K(B)	SMBJ51(C)	1SMB51(C)	SMBJ51(C)
		TV06B510J(B)	SMBJ51(C)A	1SMB51(C)A	SMBJ51(C)A
		TV06B540K(B)	SMBJ54(C)	1SMB54(C)	SMBJ54(C)
		TV06B540J(B)	SMBJ54(C)A	1SMB54(C)A	SMBJ54(C)A
		TV06B580K(B)	SMBJ58(C)	1SMB58(C)	SMBJ58(C)
		TV06B580J(B)	SMBJ58(C)A	1SMB58(C)A	SMBJ58(C)A
		TV06B600K(B)	SMBJ60(C)	1SMB60(C)	SMBJ60(C)
		TV06B600J(B)	SMBJ60(C)A	1SMB60(C)A	SMBJ60(C)A
		TV06B640K(B)	SMBJ64(C)	1SMB64(C)	SMBJ64(C)
		TV06B640J(B)	SMBJ64(C)A	1SMB64(C)A	SMBJ64(C)A
		TV06B700K(B)	SMBJ70(C)	1SMB70(C)	SMBJ70(C)
		TV06B700J(B)	SMBJ70(C)A	1SMB70(C)A	SMBJ70(C)A
		TV06B750K(B)	SMBJ75(C)	1SMB75(C)	SMBJ75(C)
		TV06B750J(B)	SMBJ75(C)A	1SMB75(C)A	SMBJ75(C)A
		TV06B780K(B)	SMBJ80(C)	1SMB78(C)	SMBJ80(C)
		TV06B780J(B)	SMBJ80(C)A	1SMB78(C)A	SMBJ80(C)A
		TV06B850K(B)	SMBJ85(C)	1SMB85(C)	SMBJ85(C)
		TV06B850J(B)	SMBJ85(C)A	1SMB85(C)A	SMBJ85(C)A
		TV06B900K(B)	SMBJ90(C)	1SMB90(C)	SMBJ90(C)
		TV06B900J(B)	SMBJ90(C)A	1SMB90(C)A	SMBJ90(C)A
		TV06B101K(B)	SMBJ100(C)	1SMB100(C)	SMBJ100(C)
		TV06B101J(B)	SMBJ100(C)A	1SMB100(C)A	SMBJ100(C)A
		TV06B111K(B)	SMBJ110(C)	1SMB110(C)	SMBJ110(C)
		TV06B111J(B)	SMBJ110(C)A	1SMB110(C)A	SMBJ110(C)A
		TV06B121K(B)	SMBJ120(C)	1SMB120(C)	SMBJ120(C)
		TV06B121J(B)	SMBJ120(C)A	1SMB120(C)A	SMBJ120(C)A
		TV06B131K(B)	SMBJ130(C)	1SMB130(C)	SMBJ130(C)
		TV06B131J(B)	SMBJ130(C)A	1SMB130(C)A	SMBJ130(C)A
		TV06B151K(B)	SMBJ150(C)	1SMB150(C)	SMBJ150(C)
		TV06B151J(B)	SMBJ150(C)A	1SMB150(C)A	SMBJ150(C)A
		TV06B161K(B)	SMBJ160(C)	1SMB160(C)	SMBJ160(C)
		TV06B161J(B)	SMBJ160(C)A	1SMB160(C)A	SMBJ160(C)A
		TV06B171K(B)	SMBJ170(C)	1SMB170(C)	SMBJ170(C)
		TV06B171J(B)	SMBJ170(C)A	1SMB170(C)A	SMBJ170(C)A

J: 5%

K:10%

B:Bi-Direction

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
Power 1500W	SMC DO-214AB	TV15C5V0K(B)	SMCJ5.0(C)	1SMC5.0(C)	SMCJ5.0(C)
		TV15C5V0J(B)	SMCJ5.0(C)A	1SMC5.0(C)A	SMCJ5.0(C)A
		TV15C6V0K(B)	SMCJ6.0(C)	1SMC6.0(C)	SMCJ6.0(C)
		TV15C6V0J(B)	SMCJ6.0(C)A	1SMC6.0(C)A	SMCJ6.0(C)A
		TV15C6V5K(B)	SMCJ6.5(C)	1SMC6.5(C)	SMCJ6.5(C)
		TV15C6V5J(B)	SMCJ6.5(C)A	1SMC6.5(C)A	SMCJ6.5(C)A
		TV15C7V0K(B)	SMCJ7.0(C)	1SMC7.0(C)	SMCJ7.0(C)
		TV15C7V0J(B)	SMCJ7.0(C)A	1SMC7.0(C)A	SMCJ7.0(C)A
		TV15C7V5K(B)	SMCJ7.5(C)	1SMC7.5(C)	SMCJ7.5(C)
		TV15C7V5J(B)	SMCJ7.5(C)A	1SMC7.5(C)A	SMCJ7.5(C)A
		TV15C8V0K(B)	SMCJ8.0(C)	1SMC8.0(C)	SMCJ8.0(C)
		TV15C8V0J(B)	SMCJ8.0(C)A	1SMC8.0(C)A	SMCJ8.0(C)A
		TV15C8V5K(B)	SMCJ8.5(C)	1SMC8.5(C)	SMCJ8.5(C)
		TV15C8V5J(B)	SMCJ8.5(C)A	1SMC8.5(C)A	SMCJ8.5(C)A
		TV15C9V0K(B)	SMCJ9.0(C)	1SMC9.0(C)	SMCJ9.0(C)
		TV15C9V0J(B)	SMCJ9.0(C)A	1SMC9.0(C)A	SMCJ9.0(C)A
		TV15C100K(B)	SMCJ10(C)	1SMC10(C)	SMCJ10(C)
		TV15C100J(B)	SMCJ10(C)A	1SMC10(C)A	SMCJ10(C)A
		TV15C110K(B)	SMCJ11(C)	1SMC11(C)	SMCJ11(C)
		TV15C110J(B)	SMCJ11(C)A	1SMC11(C)A	SMCJ11(C)A
		TV15C120K(B)	SMCJ12(C)	1SMC12(C)	SMCJ12(C)
		TV15C120J(B)	SMCJ12(C)A	1SMC12(C)A	SMCJ12(C)A
		TV15C130K(B)	SMCJ13(C)	1SMC13(C)	SMCJ13(C)
		TV15C130J(B)	SMCJ13(C)A	1SMC13(C)A	SMCJ13(C)A
		TV15C140K(B)	SMCJ14(C)	1SMC14(C)	SMCJ14(C)
		TV15C140J(B)	SMCJ14(C)A	1SMC14(C)A	SMCJ14(C)A
		TV15C150K(B)	SMCJ15(C)	1SMC15(C)	SMCJ15(C)
		TV15C150J(B)	SMCJ15(C)A	1SMC15(C)A	SMCJ15(C)A
		TV15C160K(B)	SMCJ16(C)	1SMC16(C)	SMCJ16(C)
		TV15C160J(B)	SMCJ16(C)A	1SMC16(C)A	SMCJ16(C)A
		TV15C170K(B)	SMCJ17(C)	1SMC17(C)	SMCJ17(C)
		TV15C170J(B)	SMCJ17(C)A	1SMC17(C)A	SMCJ17(C)A
		TV15C180K(B)	SMCJ18(C)	1SMC18(C)	SMCJ18(C)
		TV15C180J(B)	SMCJ18(C)A	1SMC18(C)A	SMCJ18(C)A
		TV15C200K(B)	SMCJ20(C)	1SMC20(C)	SMCJ20(C)
		TV15C200J(B)	SMCJ20(C)A	1SMC20(C)A	SMCJ20(C)A
		TV15C220K(B)	SMCJ22(C)	1SMC22(C)	SMCJ22(C)
		TV15C220J(B)	SMCJ22(C)A	1SMC22(C)A	SMCJ22(C)A
		TV15C240K(B)	SMCJ24(C)	1SMC24(C)	SMCJ24(C)
		TV15C240J(B)	SMCJ24(C)A	1SMC24(C)A	SMCJ24(C)A
		TV15C260K(B)	SMCJ26(C)	1SMC26(C)	SMCJ26(C)
		TV15C260J(B)	SMCJ26(C)A	1SMC26(C)A	SMCJ26(C)A
		TV15C280K(B)	SMCJ28(C)	1SMC28(C)	SMCJ28(C)
		TV15C280J(B)	SMCJ28(C)A	1SMC28(C)A	SMCJ28(C)A
		TV15C300K(B)	SMCJ30(C)	1SMC30(C)	SMCJ30(C)
		TV15C300J(B)	SMCJ30(C)A	1SMC30(C)A	SMCJ30(C)A
TV15C330K(B)	SMCJ33(C)	1SMC33(C)	SMCJ33(C)		
TV15C330J(B)	SMCJ33(C)A	1SMC33(C)A	SMCJ33(C)A		
TV15C360K(B)	SMCJ36(C)	1SMC36(C)	SMCJ36(C)		
TV15C360J(B)	SMCJ36(C)A	1SMC36(C)A	SMCJ36(C)A		
TV15C400K(B)	SMCJ40(C)	1SMC40(C)	SMCJ40(C)		

J: 5%

K: 10%

B: Bi-Direction

Application	Case	Part No.	GS-Vishay	On-Semi	Diodes Inc.
Power 1500W	SMC DO-214AB	TV15C400J(B)	SMCJ40(C)A	1SMC40(C)A	SMCJ40(C)A
		TV15C430K(B)	SMCJ43(C)	1SMC43(C)	SMCJ43(C)
		TV15C430J(B)	SMCJ43(C)A	1SMC43(C)A	SMCJ43(C)A
		TV15C450K(B)	SMCJ45(C)	1SMC45(C)	SMCJ45(C)
		TV15C450J(B)	SMCJ45(C)A	1SMC45(C)A	SMCJ45(C)A
		TV15C480K(B)	SMCJ48(C)	1SMC48(C)	SMCJ48(C)
		TV15C480J(B)	SMCJ48(C)A	1SMC48(C)A	SMCJ48(C)A
		TV15C510K(B)	SMCJ51(C)	1SMC51(C)	SMCJ51(C)
		TV15C510J(B)	SMCJ51(C)A	1SMC51(C)A	SMCJ51(C)A
		TV15C540K(B)	SMCJ54(C)	1SMC54(C)	SMCJ54(C)
		TV15C540J(B)	SMCJ54(C)A	1SMC54(C)A	SMCJ54(C)A
		TV15C580K(B)	SMCJ58(C)	1SMC58(C)	SMCJ58(C)
		TV15C580J(B)	SMCJ58(C)A	1SMC58(C)A	SMCJ58(C)A
		TV15C600K(B)	SMCJ60(C)	1SMC60(C)	SMCJ60(C)
		TV15C600J(B)	SMCJ60(C)A	1SMC60(C)A	SMCJ60(C)A
		TV15C640K(B)	SMCJ64(C)	1SMC64(C)	SMCJ64(C)
		TV15C640J(B)	SMCJ64(C)A	1SMC64(C)A	SMCJ64(C)A
		TV15C700K(B)	SMCJ70(C)	1SMC70(C)	SMCJ70(C)
		TV15C700J(B)	SMCJ70(C)A	1SMC70(C)A	SMCJ70(C)A
		TV15C750K(B)	SMCJ75(C)	1SMC75(C)	SMCJ75(C)
		TV15C750J(B)	SMCJ75(C)A	1SMC75(C)A	SMCJ75(C)A
		TV15C780K(B)	SMCJ80(C)	1SMC78(C)	SMCJ80(C)
		TV15C780J(B)	SMCJ80(C)A	1SMC78(C)A	SMCJ80(C)A
		TV15C850K(B)	SMCJ85(C)	1SMC85(C)	SMCJ85(C)
		TV15C850J(B)	SMCJ85(C)A	1SMC85(C)A	SMCJ85(C)A
		TV15C900K(B)	SMCJ90(C)	1SMC90(C)	SMCJ90(C)
		TV15C900J(B)	SMCJ90(C)A	1SMC90(C)A	SMCJ90(C)A
		TV15C101K(B)	SMCJ100(C)	1SMC100(C)	SMCJ100(C)
		TV15C101J(B)	SMCJ100(C)A	1SMC100(C)A	SMCJ100(C)A
		TV15C111K(B)	SMCJ110(C)	1SMC110(C)	SMCJ110(C)
		TV15C111J(B)	SMCJ110(C)A	1SMC110(C)A	SMCJ110(C)A
		TV15C121K(B)	SMCJ120(C)	1SMC120(C)	SMCJ120(C)
		TV15C121J(B)	SMCJ120(C)A	1SMC120(C)A	SMCJ120(C)A
		TV15C131K(B)	SMCJ130(C)	1SMC130(C)	SMCJ130(C)
		TV15C131J(B)	SMCJ130(C)A	1SMC130(C)A	SMCJ130(C)A
		TV15C151K(B)	SMCJ150(C)	1SMC150(C)	SMCJ150(C)
		TV15C151J(B)	SMCJ150(C)A	1SMC150(C)A	SMCJ150(C)A
		TV15C161K(B)	SMCJ160(C)	1SMC160(C)	SMCJ160(C)
		TV15C161J(B)	SMCJ160(C)A	1SMC160(C)A	SMCJ160(C)A
		TV15C171K(B)	SMCJ170(C)	1SMC170(C)	SMCJ170(C)
TV15C171J(B)	SMCJ170(C)A	1SMC170(C)A	SMCJ170(C)A		

J: 5%

K:10%

B:Bi-Direction

Bridge Rectifier

COMCHIP	Industrial PN	COMCHIP	Industrial PN	COMCHIP	Industrial PN
KBPC Series 10A to 50A		KBPC-W Series 10A to 50A		KBPC-S series 10A to 50A	
Plastic / Terminals		Plastic / Wire Leads		Plastic / Single In-Line	
KBPC10005	KBPC10005	KBPC10005-W	KBPC10005-W	KBPC10005-S	KBPC10005-S
KBPC1001	KBPC1001	KBPC1001-W	KBPC1001-W	KBPC1001-S	KBPC1001-S
KBPC1002	KBPC1002	KBPC1002-W	KBPC1002-W	KBPC1002-S	KBPC1002-S
KBPC1004	KBPC1004	KBPC1004-W	KBPC1004-W	KBPC1004-S	KBPC1004-S
KBPC1006	KBPC1006	KBPC1006-W	KBPC1006-W	KBPC1006-S	KBPC1006-S
KBPC1008	KBPC1008	KBPC1008-W	KBPC1008-W	KBPC1008-S	KBPC1008-S
KBPC1010	KBPC10010	KBPC1010-W	KBPC1010-W	KBPC1010-S	KBPC1010-S
KBPC15005	KBPC15005	KBPC15005-W	KBPC15005-W	KBPC15005-S	KBPC15005-S
KBPC1501	KBPC1501	KBPC1501-W	KBPC1501-W	KBPC1501-S	KBPC1501-S
KBPC1502	KBPC1502	KBPC1502-W	KBPC1502-W	KBPC1502-S	KBPC1502-S
KBPC1504	KBPC1504	KBPC1504-W	KBPC1504-W	KBPC1504-S	KBPC1504-S
KBPC1506	KBPC1506	KBPC1506-W	KBPC1506-W	KBPC1506-S	KBPC1506-S
KBPC1508	KBPC1508	KBPC1508-W	KBPC1508-W	KBPC1508-S	KBPC1508-S
KBPC1510	KBPC1510	KBPC1510-W	KBPC1510-W	KBPC1510-S	KBPC1510-S
KBPC25005	KBPC25005	KBPC25005-W	KBPC25005-W	KBPC25005-S	KBPC25005-S
KBPC2501	KBPC2501	KBPC2501-W	KBPC2501-W	KBPC2501-S	KBPC2501-S
KBPC2502	KBPC2502	KBPC2502-W	KBPC2502-W	KBPC2502-S	KBPC2502-S
KBPC2504	KBPC2504	KBPC2504-W	KBPC2504-W	KBPC2504-S	KBPC2504-S
KBPC2506	KBPC2506	KBPC2506-W	KBPC2506-W	KBPC2506-S	KBPC2506-S
KBPC2508	KBPC2508	KBPC2508-W	KBPC2508-W	KBPC2508-S	KBPC2508-S
KBPC2510	KBPC2510	KBPC2510-W	KBPC2510-W	KBPC2510-S	KBPC2510-S
KBPC35005	KBPC35005	KBPC35005-W	KBPC35005-W	KBPC35005-S	KBPC35005-S
KBPC3501	KBPC3501	KBPC3501-W	KBPC3501-W	KBPC3501-S	KBPC3501-S
KBPC3502	KBPC3502	KBPC3502-W	KBPC3502-W	KBPC3502-S	KBPC3502-S
KBPC3504	KBPC3504	KBPC3504-W	KBPC3504-W	KBPC3504-S	KBPC3504-S
KBPC3506	KBPC3506	KBPC3506-W	KBPC3506-W	KBPC3506-S	KBPC3506-S
KBPC3508	KBPC3508	KBPC3508-W	KBPC3508-W	KBPC3508-S	KBPC3508-S
KBPC3510	KBPC3510	KBPC3510-W	KBPC3510-W	KBPC3510-S	KBPC3510-S
KBPC50005	KBPC50005	KBPC50005-W	KBPC50005-W	KBPC50005-S	KBPC50005-S
KBPC5001	KBPC5001	KBPC5001-W	KBPC5001-W	KBPC5001-S	KBPC5001-S
KBPC5002	KBPC5002	KBPC5002-W	KBPC5002-W	KBPC5002-S	KBPC5002-S
KBPC5004	KBPC5004	KBPC5004-W	KBPC5004-W	KBPC5004-S	KBPC5004-S
KBPC5006	KBPC5006	KBPC5006-W	KBPC5006-W	KBPC5006-S	KBPC5006-S
KBPC5008	KBPC5008	KBPC5008-W	KBPC5008-W	KBPC5008-S	KBPC5008-S
KBPC5010	KBPC5010	KBPC5010-W	KBPC5010-W	KBPC5010-S	KBPC5010-S

COMCHIP	Industrial PN	COMCHIP	Industrial PN
MB Series 10A to 50A		MB-W Series 10A to 50A	
Metal / Terminals		Metal / Wire Lead	
MB1005	MB1005	MB1005-W	MB1005-W
MB101	MB101	MB101-W	MB101-W
MB102	MB102	MB102-W	MB102-W
MB104	MB104	MB104-W	MB104-W
MB106	MB106	MB106-W	MB106-W
MB108	MB108	MB108-W	MB108-W
MB1010	MB1010	MB1010-W	MB1010-W
MB1505	MB1505	MB1505-W	MB1505-W
MB151	MB151	MB151-W	MB151-W
MB152	MB152	MB152-W	MB152-W
MB154	MB154	MB154-W	MB154-W
MB156	MB156	MB156-W	MB156-W
MB158	MB158	MB158-W	MB158-W
MB1510	MB1510	MB1510-W	MB1510-W
MB2505	MB2505	MB2505-W	MB2505-W
MB251	MB251	MB251-W	MB251-W
MB252	MB252	MB252-W	MB252-W
MB254	MB254	MB254-W	MB254-W
MB256	MB256	MB256-W	MB256-W
MB258	MB258	MB258-W	MB258-W
MB2510	MB2510	MB2510-W	MB2510-W
MB3505	MB3505	MB3505-W	MB3505-W
MB351	MB351	MB351-W	MB351-W
MB352	MB352	MB352-W	MB352-W
MB354	MB354	MB354-W	MB354-W
MB356	MB356	MB356-W	MB356-W
MB358	MB358	MB358-W	MB358-W
MB3510	MB3510	MB3510-W	MB3510-W
MB5005	MB5005	MB5005-W	MB5005-W
MB501	MB501	MB501-W	MB501-W
MB502	MB502	MB502-W	MB502-W
MB504	MB504	MB504-W	MB504-W
MB506	MB506	MB506-W	MB506-W
MB508	MB508	MB508-W	MB508-W
MB5010	MB5010	MB5010-W	MB5010-W

COMCHIP	Industrial PN
0.5A Bridge	
B05S	B05S
B1S	B1S
B2S	B2S
B4S	B4S
B6S	B6S
B8S	B8S
B10S	B10S

COMCHIP	Industrial PN
1.0A Bridge	
DF005S	DF005S
DF01S	DF01S
DF02S	DF02S
DF04S	DF04S
DF06S	DF06S
DF08S	DF08S
DF10S	DF10S

COMCHIP	Industrial PN
1.5A Bridge	
DF15005S	DF15005S
DF1501S	DF1501S
DF1502S	DF1502S
DF1504S	DF1504S
DF1506S	DF1506S
DF1508S	DF1508S
DF1510S	DF1510S

COMCHIP	Industrial PN
2.0A Bridge	
KBP200	KBP200
KBP201	KBP201
KBP202	KBP202
KBP204	KBP204
KBP206	KBP206
KBP208	KBP208
KBP2010	KBP2010

COMCHIP	Industrial PN
6.0A Bridge	
KBU600	KBU600
KBU601	KBU601
KBU602	KBU602
KBU604	KBU604
KBU606	KBU606
KBU608	KBU608
KBU610	KBU610

COMCHIP	Industrial PN
10A Bridge	
MP1000	MP1000
MP1001	MP1001
MP1002	MP1002
MP1004	MP1004
MP1006	MP1006
MP1008	MP1008
MP1010	MP1010

Bridge Rectifiers

Bridge

Part No.	Cross-Reference	Max. Average Rectified Current	Peak Repetitive Reverse Voltage	Peak Forward Surge Current	Max. Forward Voltage @ Rated Io	Max. Reverse Current @ V _{RRM}	Package	Outline (Typ. in Inches)																																			
		I _o (AV)	V _{RRM} (V)	I _{FSM} (A)	V _F (V)	I _R (μA)	Bulk																																				
RB151 RB152 RB153 RB154 RB155 RB156 RB157	- - - - - - -	1.5 A	50 100 200 400 600 800 1000	50	1.0 @ 1 A	5.0	250(bag) 1000(box)																																				
W005M W01M W02M W04M W06M W08M W10M	- - - - - - -		50 100 200 400 600 800 1000						50	1.0 @ 1 A	5.0	250(bag) 1000(box)																															
2W005M 2W01M 2W02M 2W04M 2W06M 2W08M 2W10M	2W005 2W01 2W02 2W04 2W06 2W08 2W10		50 100 200 400 600 800 1000											50	1.1	5.0	250(bag) 1000(box)																										
BR805DTP200 BR81DTP201 BR82DTP202 BR84DTP204 BR86DTP206 BR88DTP208 BR810DTP210	KBP005M KBP01M KBP02M KBP04M KBP06M KBP08M KBP10M		50 100 200 400 600 800 1000																50	1.0 @ 1 A 1.3 @ 1.57 A	5.0	250(bag) 1000(box)																					
TB305 TB31 TB32 TB34 TB36 TB38 TB310	KBPC1005 KBPC101 KBPC102 KBPC104 KBPC106 KBPC108 KBPC110		50 100 200 400 600 800 1000																					50	1.1 @ 1.5 A	5.0	200																
TL400 TL401 TL402 TL404 TL406 TL408 TL410	KBL005 KBL01 KBL02 KBL04 KBL06 KBL08 KBL10		50 100 200 400 600 800 1000																										200	1.1	5.0	400											
TU400 TU401 TU402 TU404 TU406 TU408 TU410	KBU4A KBU4B KBU4D KBU4G KBU4J KBU4K KBU4M		50 100 200 400 600 800 1000																															200	1.0	5.0	400						
TU600 TU601 TU602 TU604 TU606 TU608 TU610	KBU6A KBU6B KBU6D KBU6G KBU6J KBU6K KBU6M		50 100 200 400 600 800 1000																																				250	1.0	5.0	400	

Bridge Rectifiers

Bridge

Part No.	Cross-Reference	Max. Average Rectified Current	Peak Repetitive Reverse Voltage	Peak Forward Surge Current	Max. Forward Voltage @ Rated I _o	Max. Reverse Current @ V _{RRM}	Package	Outline (Typ. in Inches)																									
		I _o (AV)	V _{RRM} (V)	I _{FSM} (A)	V _F (V)	I _R (μA)	Bulk																										
TB605 TB61 TB62 TB64 TB66 TB68 TB610	KBPC6005 KBPC601 KBPC602 KBPC604 KBPC606 KBPC608 KBPC610	6.0 A	50 100 200 400 600 800 1000	125	1.0 @ 3 A	5.0	200	TB6																									
TB805 TB81 TB82 TB84 TB86 TB88 TB810	KBPC8005 KBPC801 KBPC802 KBPC804 KBPC806 KBPC808 KBPC810		8.0 A					50 100 200 400 600 800 1000	125	1.1 @ 4 A	5.0	200	TB10																				
TU800 TU801 TU802 TU804 TU806 TU808 TU810	KBU8A KBU8B KBU8D KBU8G KBU8J KBU8K KBU8M							10.0 A					50 100 200 400 600 800 1000	300	1.0	5.0	400	TU															
MP1005M MP101M MP102M MP104M MP106M MP108M MP1010M	MB1005 MB101 MB102 MB104 MB106 MB108 MB1010												10.0 A					50 100 200 400 600 800 1000	150	1.1 @ 5 A	5.0	100(bag) 400(box)	MP6 Plastic Case With Metal Heat Sink										
TB1005 TB101 TB102 TB104 TB106 TB108 TB1010	BR1005 BR101 BR102 BR104 BR106 BR108 BR1010																	10.0 A					50 100 200 400 600 800 1000	150	1.1 @ 5 A	5.0	200	TB10					
MP1005 MP101 MP102 MP104 MP106 MP108 MP1010	BRS1005 BRS101 BRS102 BRS104 BRS106 BRS108 BRS1010																						10.0 A					50 100 200 400 600 800 1000	150	1.1 @ 5 A	5.0	200	MP10 Plastic Case With Metal Heat Sink
TU1000 TU1001 TU1002 TU1004 TU1006 TU1008 TU1010	KBU1001 KBU1002 KBU1003 KBU1004 KBU1005 KBU1006 KBU1007																											15.0 A					50 100 200 400 600 800 1000
MP1505M MP151M MP152M MP154M MP156M MP158M MP1510M	- - - - - - -	15.0 A		50 100 200 400 600 800 1000	300	1.1 @ 7.5 A	10.0																										200

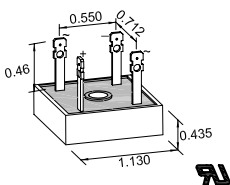
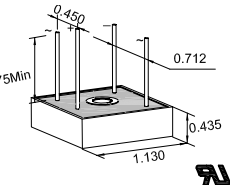
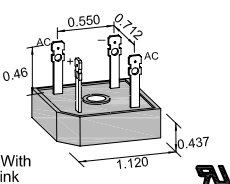
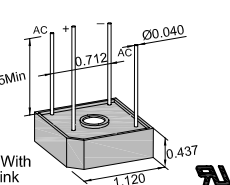
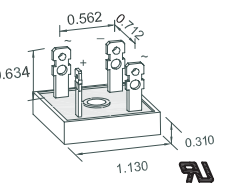
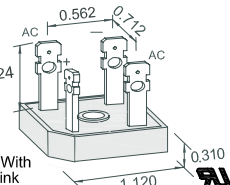
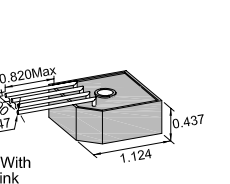
Bridge Rectifiers

Bridge

Part No.	Cross-Reference	Max. Average Rectified Current	Peak Repetitive Reverse Voltage	Peak Forward Surge Current	Max. Forward Voltage @ Rated Io	Max. Reverse Current @ V _{RRM}	Package	Outline (Typ. in Inches)																																				
		I _o (AV)	V _{RRM} (V)	I _{FSM} (A)	V _F (V)	I _R (μA)	Bulk																																					
MB1505 MB151 MB152 MB154 MB156 MB158 MB1510	SB1505 SB151 SB152 SB154 SB156 SB158 SB1510	15.0 A	50 100 200 400 600 800 1000	300	1.1 @ 7.5 A	10.0	50																																					
MB1505W MB151W MB152W MB154W MB156W MB158W MB1510W	SB1505W SB151W SB152W SB154W SB156W SB158W SB1510W		50 100 200 400 600 800 1000						300	1.1 @ 7.5 A	10.0	50																																
TB1505 TB151 TB152 TB154 TB156 TB158 TB1510	KBPC15-005 KBPC15-01 KBPC15-02 KBPC15-04 KBPC15-06 KBPC15-08 KBPC15-10		50 100 200 400 600 800 1000											300	1.1 @ 7.5 A	10.0	50																											
TB1505W TB151W TB152W TB154W TB156W TB158W TB1510W	KBPC15-005W KBPC15-01W KBPC15-02W KBPC15-04W KBPC15-06W KBPC15-08W KBPC15-10W		50 100 200 400 600 800 1000																300	1.1 @ 7.5 A	10.0	50																						
MB2505 MB251 MB252 MB254 MB256 MB258 MB2510	SB2505 SB251 SB252 SB254 SB256 SB258 SB2510		25.0 A																					50 100 200 400 600 800 1000	300	1.1 @ 12.5 A	10.0	50																
MB2505W MB251W MB252W MB254W MB256W MB258W MB2510W	SB2505W SB251W SB252W SB254W SB256W SB258W SB2510W																							50 100 200 400 600 800 1000						300	1.1 @ 12.5 A	10.0	50											
TB2505 TB251 TB252 TB254 TB256 TB258 TB2510	KBPC25-005 KBPC25-01 KBPC25-02 KBPC25-04 KBPC25-06 KBPC25-08 KBPC25-10																							50 100 200 400 600 800 1000											300	1.1 @ 12.5 A	10.0	50						
TB2505W TB251W TB252W TB254W TB256W TB258W TB2510W	KBPC25-005W KBPC25-01W KBPC25-02W KBPC25-04W KBPC25-06W KBPC25-08W KBPC25-10W																							50 100 200 400 600 800 1000																300	1.1 @ 12.5 A	10.0	50	

Bridge Rectifiers

Bridge

Part No.	Cross-Reference	Max. Average Rectified Current	Peak Repetitive Reverse Voltage	Peak Forward Surge Current	Max. Forward Voltage @ Rated I _o	Max. Reverse Current @ V _{RRM}	Package	Outline (Typ. in Inches)									
		I _o (AV)	V _{RRM} (V)	I _{FSM} (A)	V _F (V)	I _R (μA)	Bulk										
MB3505 MB351 MB352 MB354 MB356 MB358 MB3510	SB3505 SB351 SB352 SB354 SB356 SB358 SB3510	35.0 A	50 100 200 400 600 800 1000	400	1.1 @ 17.5 A	10.0	50	MB35 (Metal Case) 									
MB3505W MB351W MB352W MB354W MB356W MB358W MB3510W	SB3505W SB351W SB352W SB354W SB356W SB358W SB3510W		50 100 200 400 600 800 1000					MB35W (Metal Case) 									
TB3505 TB351 TB352 TB354 TB356 TB358 TB3510	KBPC35-005 KBPC35-01 KBPC35-02 KBPC35-04 KBPC35-06 KBPC35-08 KBPC35-10		50 100 200 400 600 800 1000					TB35 Plastic Case With Metal Heat Sink 									
TB3505W TB351W TB352W TB354W TB356W TB358W TB3510W	KBPC35-005W KBPC35-01W KBPC35-02W KBPC35-04W KBPC35-06W KBPC35-08W KBPC35-10W		50 100 200 400 600 800 1000					TB35W Plastic Case With Metal Heat Sink 									
MB4005 MB401 MB402 MB404 MB406 MB408 MB4010	- - - - - - -		40.0 A					50 100 200 400 600 800 1000	400	1.2 @ 20 A	10.0	50	MB35L (Metal Case) 				
TB4005 TB401 TB402 TB404 TB406 TB408 TB4010	- - - - - - -							50 100 200 400 600 800 1000					TB35L Plastic Case With Metal Heat Sink 				
KBPC40-005S KBPC40-01S KBPC40-02S KBPC40-04S KBPC40-06S KBPC40-08S KBPC40-10S	- - - - - - -							50 100 200 400 600 800 1000					400	1.1 @ 20 A	10.0	80	KBPCS Plastic Case With Metal Heat Sink 

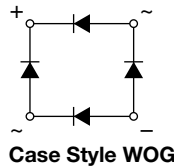
Bridge Rectifiers

Bridge

Part No.	Cross-Reference	Max. Average Rectified Current	Peak Repetitive Reverse Voltage	Peak Forward Surge Current	Max. Forward Voltage @ Rated I _o	Max. Reverse Current @ V _{RRM}	Package	Outline (Typ. in Inches)					
		I _o (AV)	V _{RRM} (V)	I _{FSM} (A)	V _F (V)	I _R (μA)	Bulk						
MB5005	-	50.0 A	50	400	1.2 @ 25 A	10.0	50						
MB501	-		100										
MB502	-		200										
MB504	-		400										
MB506	-		600										
MB508	-		800										
MB5010	-		1000										
TB5005	-		50						450	1.1 @ 25.0 A	5.0	50	
TB501	-		100										
TB502	-		200										
TB504	-	400											
TB506	-	600											
TB508	-	800											
TB5010	-	1000											
KBPC50-005S	-	50	450	1.1 @ 25 A	10.0	80							
KBPC50-01S	-	100											
KBPC50-02S	-	200											
KBPC50-04S	-	400											
KBPC50-06S	-	600											
KBPC50-08S	-	800											
KBPC50-10S	-	1000											



Glass Passivated Single-Phase Bridge Rectifier



FEATURES

- UL recognition, file number E54214
- Ideal for printed circuit boards
- Typical I_R less than 0.5 μA
- High case dielectric strength
- High surge current capability
- Solder dip 260 °C, 40 s
- Material categorization: For definitions of compliance please see www.vishay.com/doc?99912



RoHS COMPLIANT

PRIMARY CHARACTERISTICS	
Package	WOG
$I_{F(AV)}$	2.0 A
V_{RRM}	50 V, 100 V, 200 V, 400 V, 600 V, 800 V, 1000 V
I_{FSM}	60 A
I_R	5 μA
V_F at $I_F = 2.0 A$	1.1 V
T_J max.	150 °C
Diode variations	Quad

TYPICAL APPLICATIONS

General purpose use in AC/DC bridge full wave rectification for power supply, adapter, charger, lighting ballaster on consumers, and home appliances applications.

MECHANICAL DATA

Case: WOG

Molding compound meets UL 94 V-0 flammability rating Base P/N-E4 - RoHS-compliant, commercial grade

Terminals: Silver plated leads, solderable per J-STD-002 and JESD22-B102

Polarity: As marked on body

MAXIMUM RATINGS ($T_A = 25\text{ }^\circ\text{C}$ unless otherwise noted)									
PARAMETER	SYMBOL	2W005G	2W01G	2W02G	2W04G	2W06G	2W08G	2W10G	UNIT
Maximum repetitive peak reverse voltage	V_{RRM}	50	100	200	400	600	800	1000	V
Maximum RMS voltage	V_{RMS}	35	70	140	280	420	560	700	V
Maximum DC blocking voltage	V_{DC}	50	100	200	400	600	800	1000	V
Maximum average forward rectified current at 0.375" (9.5 mm) lead length at (fig. 1)	$I_{F(AV)}$	2.0							A
Peak forward surge current single half sine-wave superimposed on rated load	I_{FSM}	60							A
Rating for fusing ($t < 8.3$ ms)	I^2t	15							A^2s
Operating junction and storage temperature range	T_J, T_{STG}	- 55 to + 150							$^\circ\text{C}$

ELECTRICAL CHARACTERISTICS ($T_A = 25\text{ }^\circ\text{C}$ unless otherwise noted)										
PARAMETER	TEST CONDITIONS	SYMBOL	2W005G	2W01G	2W02G	2W04G	2W06G	2W08G	2W10G	UNIT
Maximum instantaneous forward voltage drop per diode	$I_F = 2.0 A$	V_F	1.1							V
Maximum DC reverse current at rated DC blocking voltage per diode	$T_A = 25\text{ }^\circ\text{C}$	I_R	5.0							μA
	$T_A = 125\text{ }^\circ\text{C}$		500							
Typical junction capacitance per diode	4.0 V, 1 MHz	C_J	40				20			pF



THERMAL CHARACTERISTICS (T _A = 25 °C unless otherwise noted)									
PARAMETER	SYMBOL	2W005G	2W01G	2W02G	2W04G	2W06G	2W08G	2W10G	UNIT
Typical thermal resistance (1)	R _{θJA}	40						°C/W	
	R _{θJL}	15							

Note

(1) Thermal resistance from junction to ambient and from junction to lead at 0.375" (9.5 mm) lead length PCB mounting

ORDERING INFORMATION (Example)				
PREFERRED P/N	UNIT WEIGHT (g)	PREFERRED PACKAGE CODE	BASE QUANTITY	DELIVERY MODE
2W06G-E4/51	1.12	51	100	Plastic bag

RATINGS AND CHARACTERISTICS CURVES (T_A = 25 °C unless otherwise noted)

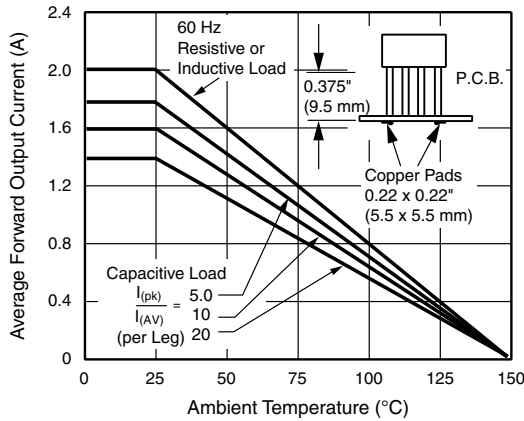


Fig. 1 - Derating Curve Output Rectified Current

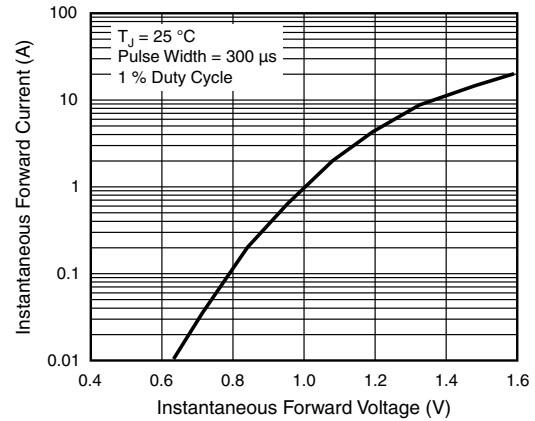


Fig. 3 - Typical Forward Characteristics Per Diode

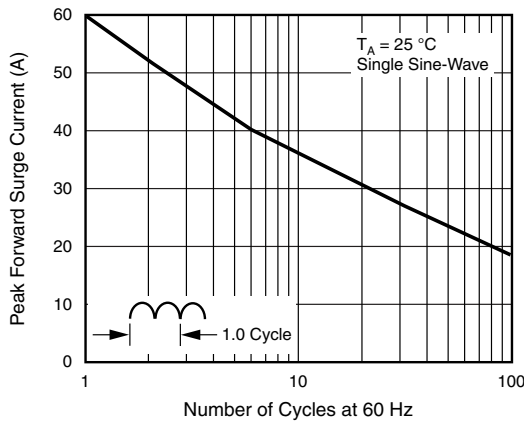


Fig. 2 - Maximum Non-Repetitive Peak Forward Surge Current Per Diode

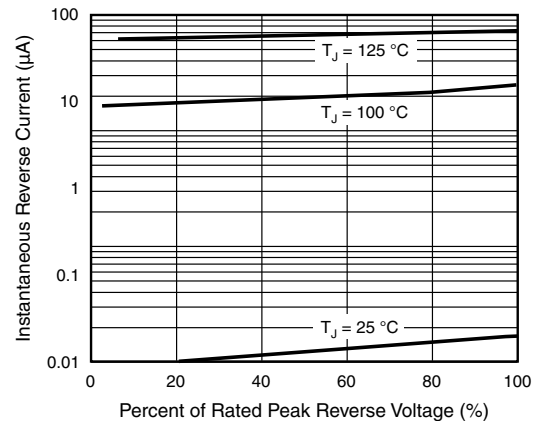


Fig. 4 - Typical Reverse Leakage Characteristics Per Diode

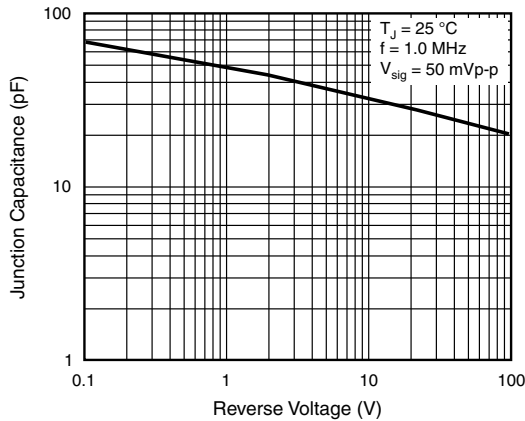


Fig. 5 - Typical Junction Capacitance Per Diode

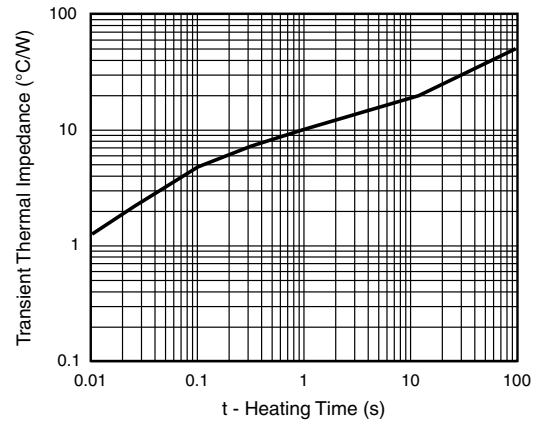
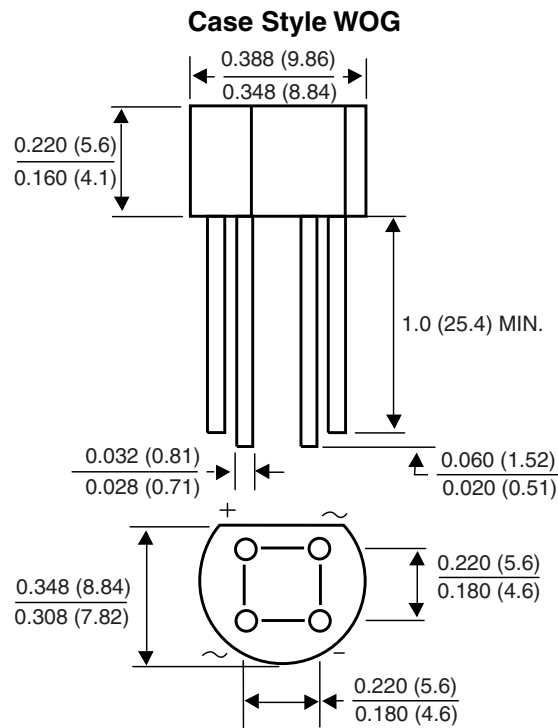


Fig. 6 - Typical Transient Thermal Impedance

PACKAGE OUTLINE DIMENSIONS in inches (millimeters)





Disclaimer

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Single Phase Bridge Rectifier, 25 A, 35 A



GBPC...A



GBPC...W


RoHS
COMPLIANT

FEATURES

- Universal, 3 way terminals: push-on, wrap around or solder
- High thermal conductivity package, electrically insulated case
- Positive polarity symbol molded on the plastic case
- Center hole fixing
- Glass passivated diode chips
- Excellent power/volume ratio
- Nickel plated terminals solderable using lead (Pb)-free solder; Solder Alloy Sn/Ag/Cu (SAC305); Solder temperature 260 °C to 275 °C
- Wire lead version available
- UL E300359 approved
- Designed and qualified for industrial and consumer level
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912

PRIMARY CHARACTERISTICS	
I_o	25 A, 35 A
V_{RRM}	200 V to 1200 V
Package	GBPC...A, GBPC...W
Circuit configuration	Single phase bridge

DESCRIPTION / APPLICATIONS

A range of extremely compact, encapsulated single phase bridge rectifiers offering efficient and reliable operation. They are intended for use in general purpose and instrumentation applications.

MAJOR RATINGS AND CHARACTERISTICS				
SYMBOL	CHARACTERISTICS	VALUES GBPC25	VALUES GBPC35	UNITS
I_o		25	35	A
	T_C	60	55	°C
I_{FSM}	50 Hz	400	475	A
	60 Hz	420	500	
I^2t	50 Hz	790	1130	A ² s
	60 Hz	725	1030	
V_{RRM}	Range	200 to 1200		V
T_J		-55 to +150		°C

ELECTRICAL SPECIFICATIONS

VOLTAGE RATINGS					
TYPE NUMBER	VOLTAGE CODE	V_{RRM} , MAXIMUM REPETITIVE PEAK AC REVERSE VOLTAGE $T_J = T_J$ MAXIMUM V	V_{RSM} , MAXIMUM NON-REPETITIVE PEAK AC REVERSE VOLTAGE $T_J = T_J$ MAXIMUM V	I_{RRM} MAXIMUM AT RATED V_{RRM} $T_J = T_J$ MAXIMUM mA	I_{RRM} MAXIMUM DC REVERSE CURRENT AT $T_J = 125$ °C µA
VS-GBPC25..A ⁽¹⁾ VS-GBPC35..A ⁽¹⁾ VS-GBPC25..W VS-GBPC35..W	02	200	275	2	500
	04	400	500		
	06	600	725		
	08	800	900		
	10	1000	1100		
	12	1200	1300		

Note

⁽¹⁾ See Ordering Information table at the end of datasheet



FORWARD CONDUCTION CONDUCTION							
PARAMETER	SYMBOL	TEST CONDITIONS		VALUES GBPC25	VALUES GBPC35	UNITS	
Maximum DC output current at case temperature	I _O	Resistive or inductive load		25	35	A	
		Capacitive load		20	28		
				60	55	°C	
Maximum peak, one-cycle non-repetitive forward current	I _{FSM}	t = 10 ms	No voltage reapplied	Initial T _J = T _J maximum	400	475	A
		t = 8.3 ms					
		t = 10 ms	100 % V _{RRM} reapplied		335	400	
		t = 8.3 ms					
Maximum I ² t for fusing	I ² t	t = 10 ms	No voltage reapplied	Initial T _J = T _J maximum	790	1130	A ² s
		t = 8.3 ms					
		t = 10 ms	100 % V _{RRM} reapplied		560	800	
		t = 8.3 ms					
Maximum I ² √t for fusing	I ² √t	I ² t for time t _x = I ² √t × √t _x ; 0.1 ≤ t _x ≤ 10 ms, V _{RRM} = 0 V		7.9	11.3	kA ² √s	
Low level of threshold voltage	V _{F(TO)1}	(16.7 % × π × I _{F(AV)} < I < π × I _{F(AV)}), T _J maximum		0.76	0.77	V	
High level of threshold voltage	V _{F(TO)2}	(I > π × I _{F(AV)}), T _J maximum		0.89	0.92		
Low level forward slope resistance	r _{t1}	(16.7 % × π × I _{F(AV)} < I < π × I _{F(AV)}), T _J maximum		8.2	4.852	mΩ	
High level forward slope resistance	r _{t2}	(I > π × I _{F(AV)}), T _J maximum		6.8	3.867		
Maximum forward voltage drop	V _{FM}	T _J = 25 °C, I _{FM} = I _{Favg} (arm)		1.1	1.1	V	
Maximum DC reverse current	I _{RRM}	T _J = 25 °C, per diode at V _{RRM}		5.0		μA	
RMS isolation voltage base plate	V _{INS}	f = 50 Hz, t = 1 s		2700		V	

THERMAL AND MECHANICAL SPECIFICATIONS						
PARAMETER	SYMBOL	TEST CONDITIONS		VALUES GBPC25	VALUES GBPC35	UNITS
Junction and storage temperature range	T _J , T _{Stg}			-55 to +150		°C
Maximum thermal resistance, junction to case per bridge	R _{thJC}	DC operation		1.7	1.4	K/W
Maximum thermal resistance, case to heatsink	R _{thCS}	Mounting surface, smooth, flat and greased		0.2		
Approximate weight				16		g
Mounting torque ± 10 %		Bridge to heatsink		2.0		N · m (lbf · in)

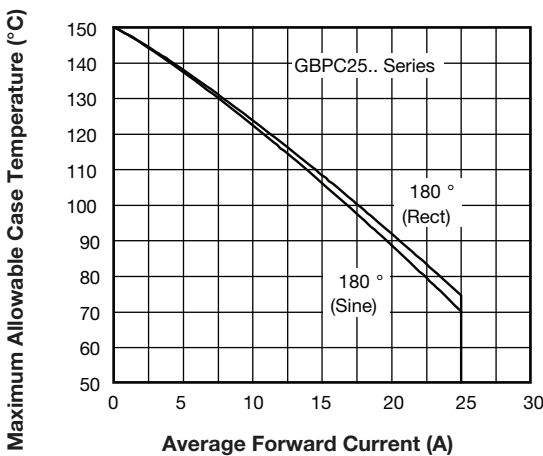


Fig. 1 - Current Ratings Characteristics

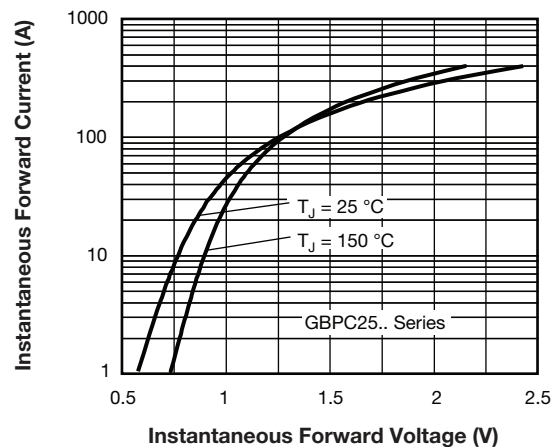


Fig. 2 - Forward Voltage Drop Characteristics

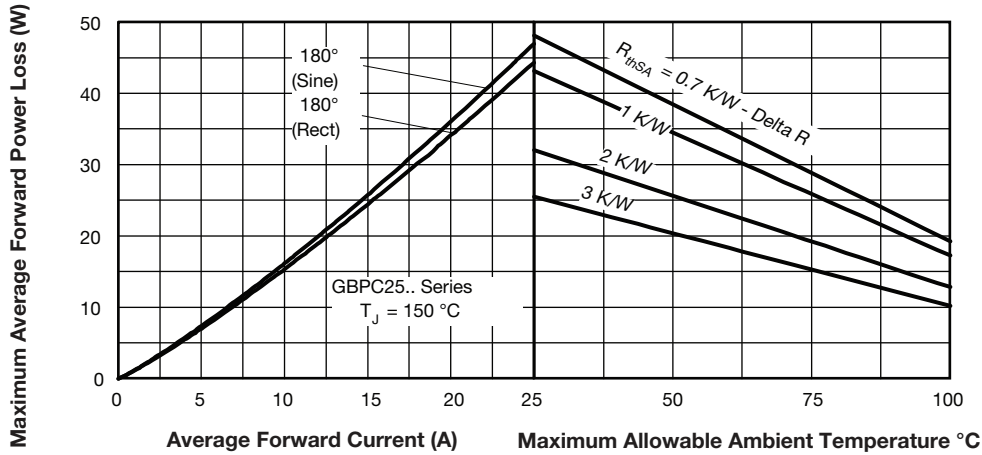


Fig. 3 - Total Power Loss Characteristics

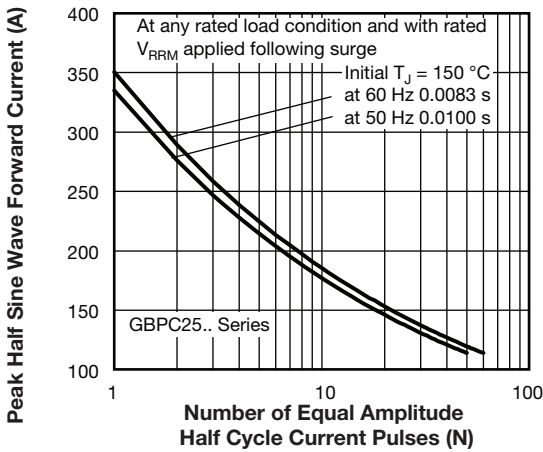


Fig. 4 - Maximum Non-Repetitive Surge Current

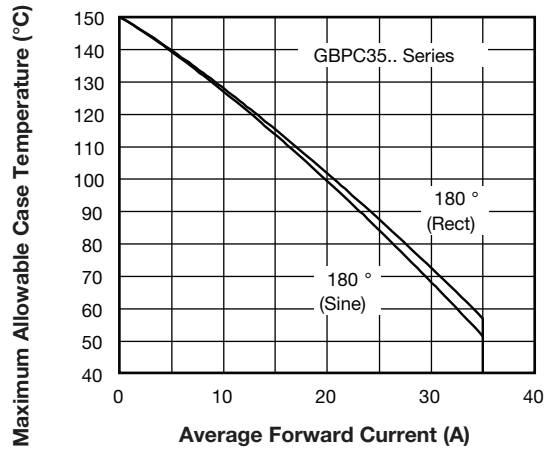


Fig. 6 - Current Ratings Characteristics

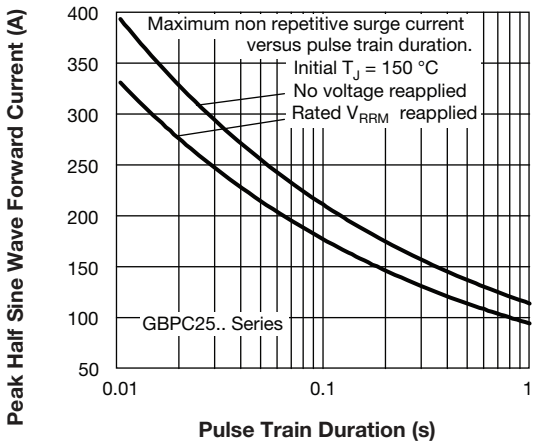


Fig. 5 - Maximum Non-Repetitive Surge Current

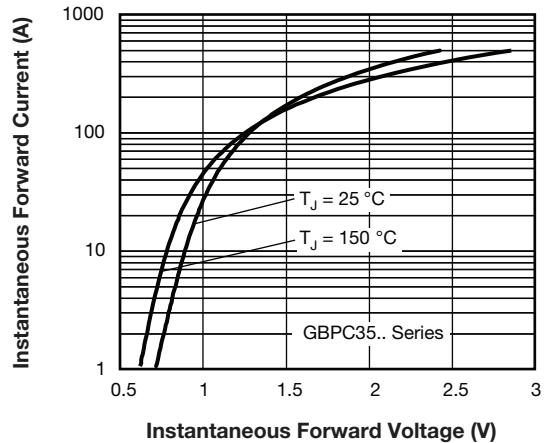


Fig. 7 - Forward Voltage Drop Characteristics

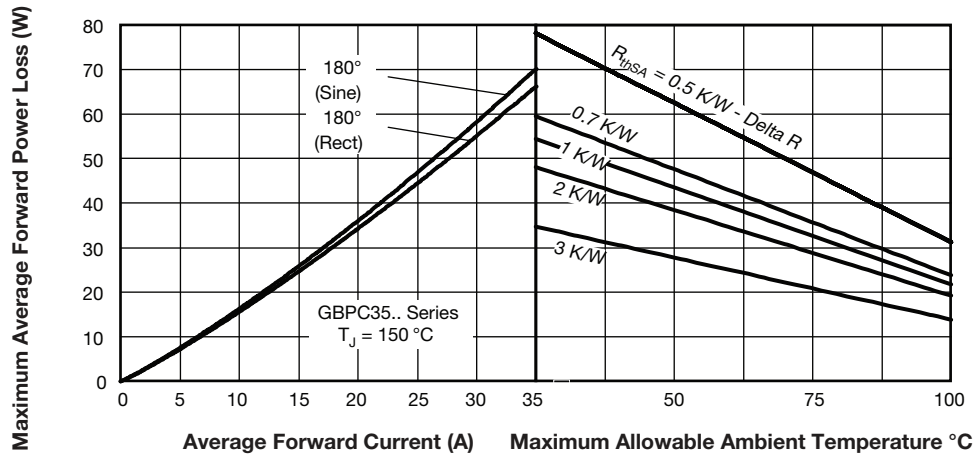


Fig. 8 - Total Power Loss Characteristics

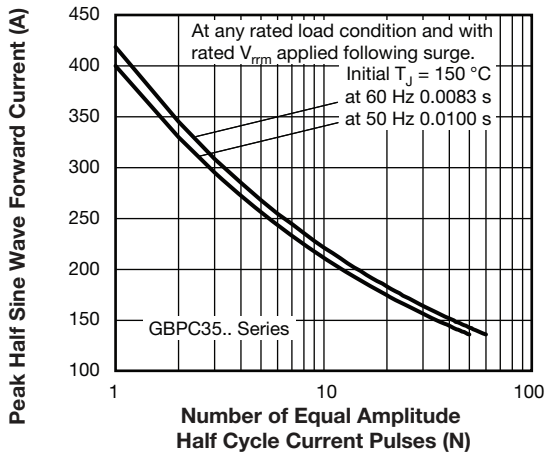


Fig. 9 - Maximum Non-Repetitive Surge Current

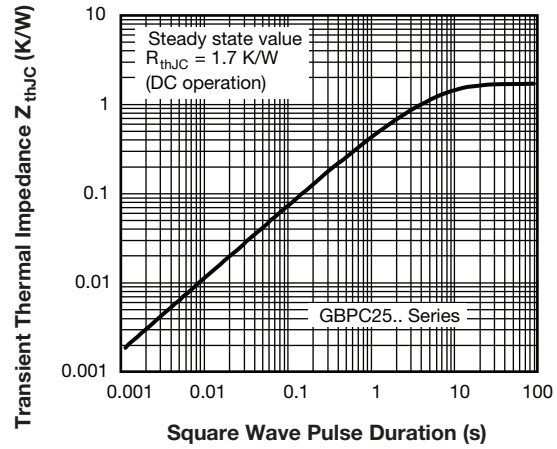


Fig. 11 - Thermal Impedance Z_{thJC} Characteristic

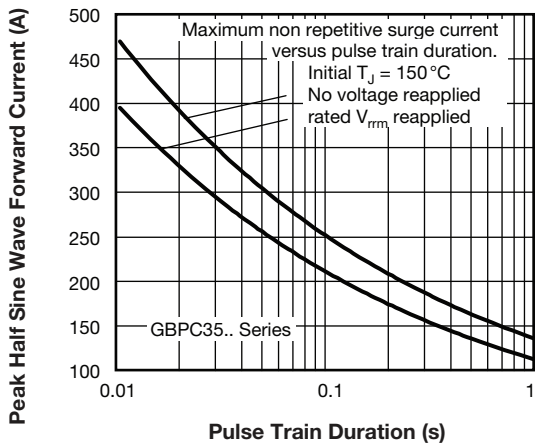


Fig. 10 - Maximum Non-Repetitive Surge Current

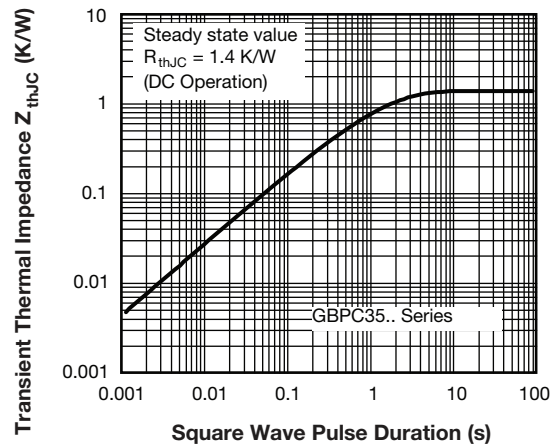
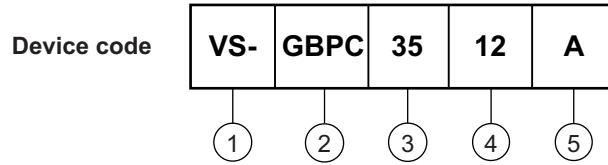


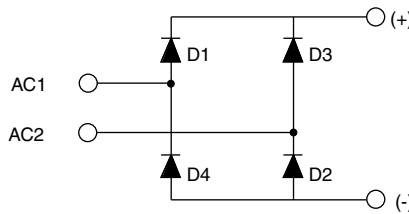
Fig. 12 - Thermal Impedance Z_{thJC} Characteristic

ORDERING INFORMATION TABLE



- 1** - Vishay Semiconductors product
- 2** - Circuit configuration:
Single phase bridge coding
- 3** - Current rating code 25 = 25 A (average)
35 = 35 A (average)
- 4** - Voltage code x 100 = V_{RRM}
- 5** - Diode bridge rectifier:
 - A = standard fast-on terminal
 - W = wire lead

CIRCUIT CONFIGURATION

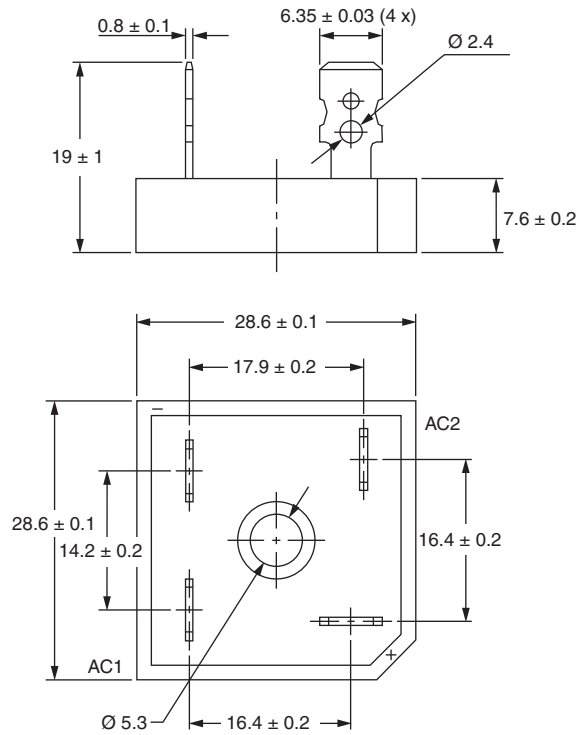


LINKS TO RELATED DOCUMENTS	
Dimensions	www.vishay.com/doc?95331

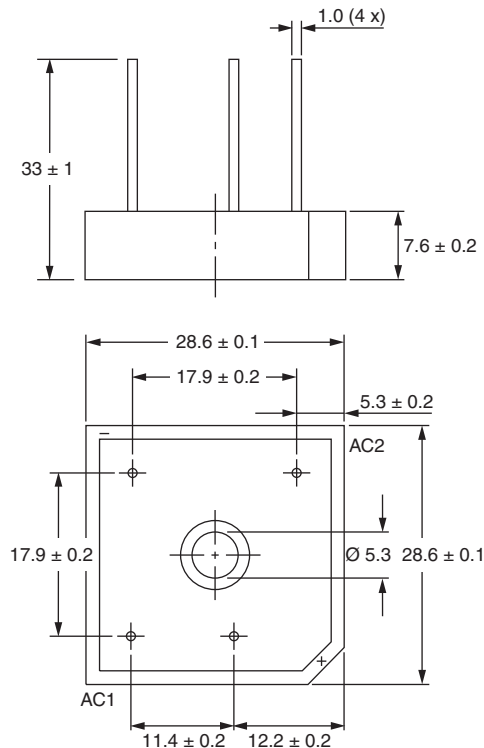


GBPC

DIMENSIONS FOR GBPC...A in millimeters



DIMENSIONS FOR GBPC...W in millimeters





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Three Phase Bridge, 300 A (Power Modules)



MTC

FEATURES

- Blocking voltage up to 1800 V
- High surge capability
- High thermal conductivity package, electrically insulated case
- Excellent power volume ratio
- 3600 V_{RMS} isolating voltage
- UL approved file E78996 
- Designed for industrial level
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912



RoHS COMPLIANT

PRIMARY CHARACTERISTICS	
I _o	300 A at 100 °C
V _{RRM}	1600 V to 1800 V
Package	MTC
Circuit configuration	Three phase bridge

DESCRIPTION

A range of extremely compact, encapsulated three phase bridge rectifiers offering efficient and reliable operation. They are intended for use in general purpose and heavy duty applications.

MAJOR RATINGS AND CHARACTERISTICS			
SYMBOL	CHARACTERISTICS	VALUES	UNITS
I _o ⁽¹⁾		258	A
	T _C	110	°C
I _{FSM}	50 Hz	2400	A
	60 Hz	2512	
I ² t	50 Hz	28 795	A ² s
	60 Hz	26 285	
I ² √t		287 955	A ² √s
V _{RRM}	Range	1600 to 1800	V
T _{Stg}	Range	-40 to +125	°C
T _J	Range	-40 to +150	°C

Note

(1) Maximum output current must be limited to 250 A to do not exceed the maximum temperature of terminals

ELECTRICAL SPECIFICATIONS

VOLTAGE RATINGS				
TYPE NUMBER	VOLTAGE CODE	V _{RRM} , MAXIMUM REPETITIVE PEAK REVERSE VOLTAGE V	V _{RSM} , MAXIMUM NON-REPETITIVE PEAK REVERSE VOLTAGE V	I _{RRM} MAXIMUM AT T _J = MAXIMUM mA
VS-300MT...C	160	1600	1700	12
	180	1800	1900	



FORWARD CONDUCTION					
PARAMETER	SYMBOL	TEST CONDITIONS		VALUES	UNITS
Maximum DC output current at case temperature	I_O	120° rect. conduction angle		300	A
				100	°C
Maximum peak, one-cycle forward, non-repetitive surge current	I_{FSM}	t = 10 ms	No voltage reapplied	2400	A
		t = 8.3 ms		2512	
		t = 10 ms	100 % V_{RRM} reapplied	2018	
		t = 8.3 ms		2113	
Maximum I^2t for fusing	I^2t	t = 10 ms	No voltage reapplied	28 795	A ² s
		t = 8.3 ms		26 285	
		t = 10 ms	100 % V_{RRM} reapplied	20 360	
		t = 8.3 ms		18 590	
Maximum $I^2\sqrt{t}$ for fusing	$I^2\sqrt{t}$	t = 0.1 ms to 10 ms, no voltage reapplied		287 955	A ² √s
Low level value of threshold voltage	$V_{FT(TO)1}$	(16.7 % $\times \pi \times I_{F(AV)} < I < \pi \times I_{F(AV)}$), T_J maximum		0.79	V
High level value of threshold voltage	$V_{FT(TO)2}$	(I > $\pi \times I_{F(AV)}$), T_J maximum		0.96	
Low level value of forward slope resistance	r_{f1}	16.7 % $\times \pi \times I_{F(AV)} < I < \pi \times I_{F(AV)}$, T_J maximum		3.36	mΩ
High level of forward slope resistance	r_{f2}	(I > $\pi \times I_{F(AV)}$), T_J maximum		3.22	
Maximum forward voltage drop	V_{FM}	$I_{pk} = 240$ A, $T_J = 25$ °C, per junction		1.54	V
		$I_{pk} = 300$ A, $T_J = 25$ °C, per junction		1.7	
RMS isolation voltage	V_{ISOL}	$T_J = 25$ °C, all terminal shorted f = 50 Hz, t = 1 s		3600	

THERMAL AND MECHANICAL SPECIFICATIONS					
PARAMETER	SYMBOL	TEST CONDITIONS		VALUES	UNITS
Maximum junction operating	T_J			-40 to +150	°C
Maximum storage temperature	T_{Stg}			-40 to +125	
Maximum thermal resistance, junction to case	R_{thJC}	DC operation per module		0.038	°C/W
		DC operation per junction		0.23	
Typical thermal resistance, case to heat sink	R_{thCS}	Per module Mounting surface smooth, flat, and greased		0.03	
Mounting torque ± 15 % to heat sink to terminal		A mounting compound is recommended and the torque should be rechecked after a period of 3 hours to allow for the spread of the compound. Lubricated threads.		5	Nm
				5	
Approximate weight				235	g

ΔR CONDUCTION PER JUNCTION											
DEVICES	SINE HALF WAVE CONDUCTION					RECTANGULAR WAVE CONDUCTION					UNITS
	180°	120°	90°	60°	30°	180°	120°	90°	60°	30°	
VS-300MT...C Series	0.044	0.050	0.061	0.087	0.143	0.029	0.050	0.066	0.091	0.145	°C/W

Note

- Table shows the increment of thermal resistance R_{thJC} when devices operate at different conduction angles than DC

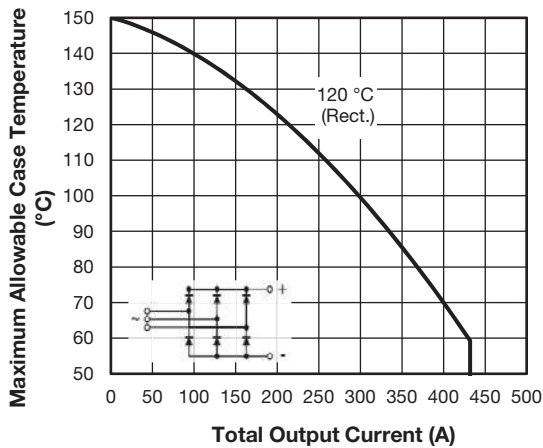


Fig. 1 - Current Rating Characteristics

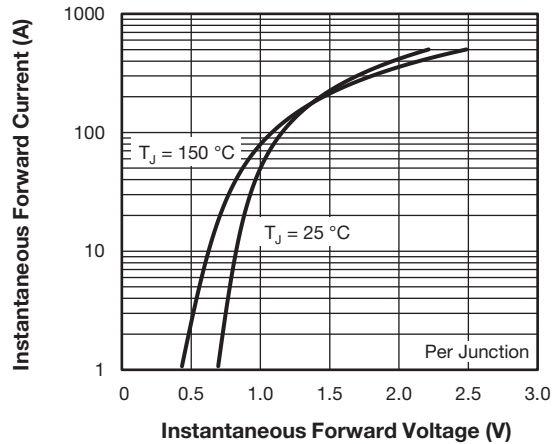


Fig. 2 - Forward Voltage Drop Characteristics

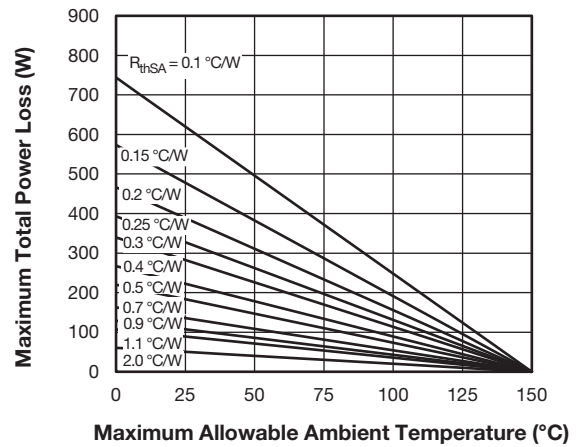
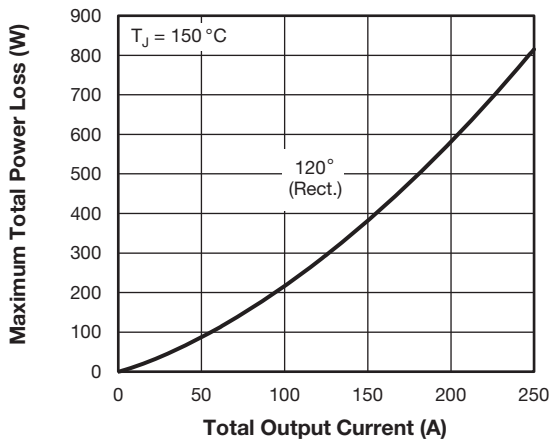


Fig. 3 - Total Power Loss Characteristics

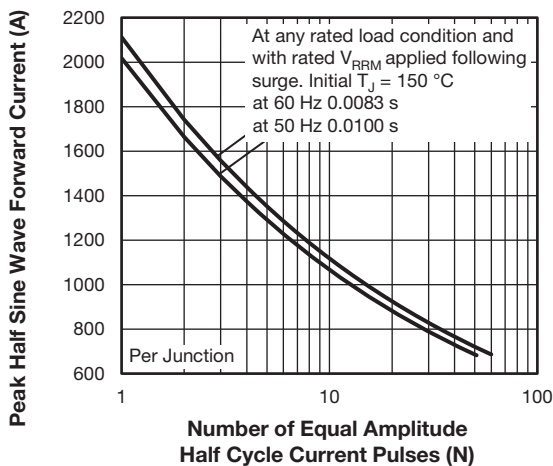


Fig. 4 - Maximum Non-Repetitive Surge Current

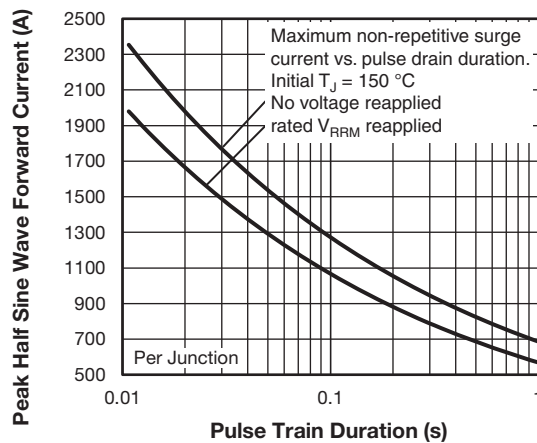


Fig. 5 - Maximum Non-Repetitive Surge Current

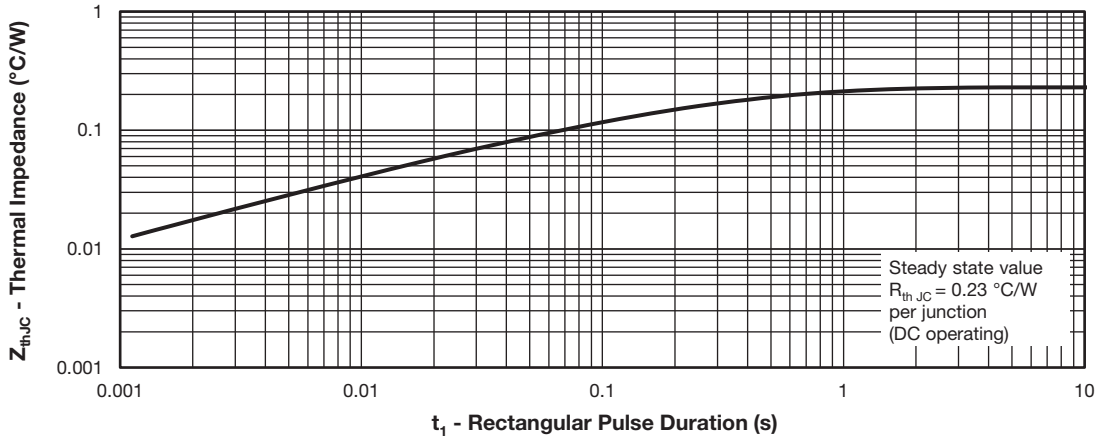
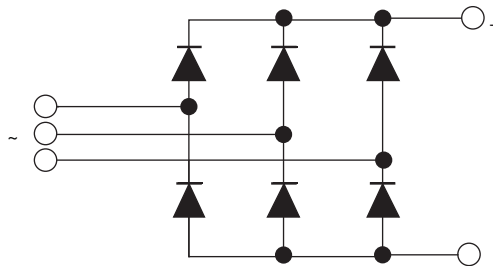


Fig. 6 - Thermal Impedance Z_{thJC} Characteristics

ORDERING INFORMATION TABLE

Device code	VS-	30	0	MT	160	C
	①	②	③	④	⑤	
	1	-	Vishay Semiconductors product	2	-	Current rating code: 30 = 300 A (average)
	3	-	Circuit configuration (three phase diodes bridge)	4	-	Package indicator
	5	-	Voltage code x 10 = V_{RRM} (see Voltage Ratings table)			

CIRCUIT CONFIGURATION

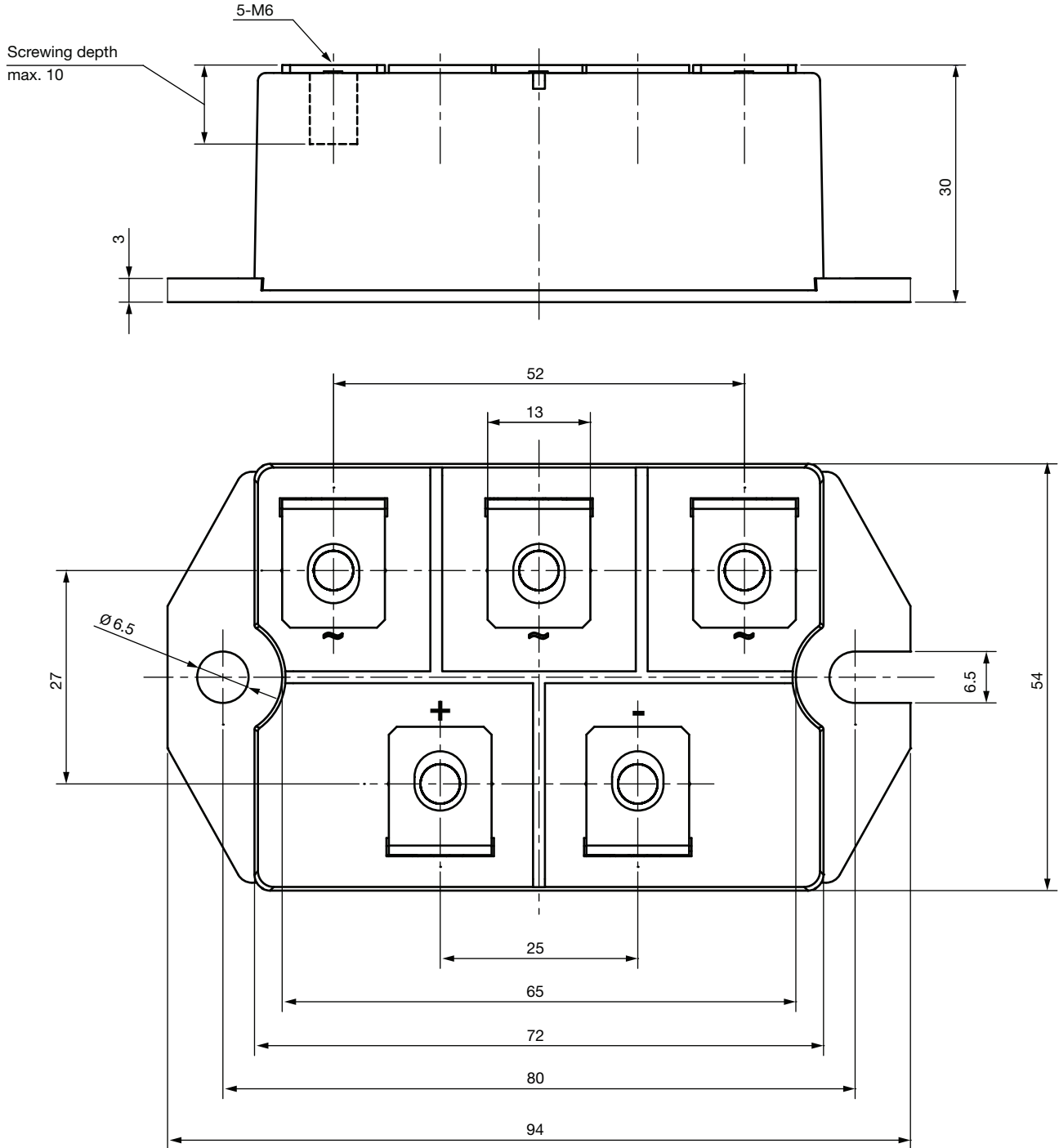


LINKS TO RELATED DOCUMENTS	
Dimensions	www.vishay.com/doc?96003



MTC

DIMENSIONS in millimeters





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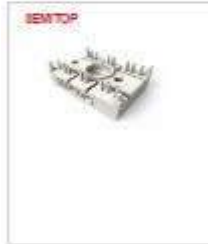
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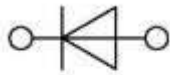
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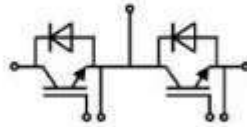
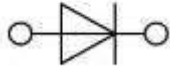
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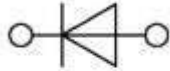
Power Bridge Rectifiers



SEMISTACK Classics



SEMPONT



SEMITEACH



SEMIX





PT 22b3 RoHS

Pulse Transformer

Part Number: 97492890

Manufacturer: SEMIKRON

 [datasheet](#)

[Product Details >>](#)

● Current delivery time approx. 10 weeks



Axial fan 230V 119x38m 150m3/h

Fan

V 230 V

Part Number: 30031061

Manufacturer: SEMIKRON

 [datasheet](#)



Thermal paste P12

Thermal paste

Part Number: 31867700

Manufacturer: SEMIKRON

 [datasheet](#)

33f-igbt

3-level

3-level

3-level

customerspecific

discontinued

filter

halfbridge

h-bridge

icnominaascdesc

igbt3(trench)

igbt4(trench)

igbt4fast(trench)
igbt4highspeed(trench)
inproduction
inproductionnew
miniskiipii0 (34x31x16)
miniskiipii1 (42x40x16)
miniskiipii2 (59x52x16)
miniskiipii3 (82x59x16)
notfornewdesigns
nptigbt(standard)
nptigbt(ultrafast)
productlineascdesc
productstatusascdesc
producttypeascdesc
renesasgen8
samplestatus
semitop2 (41x28x12)
semitop3press-fit(31x55x12)
semitop3 (55x31x12)
semitop4press-fit(61x55x12)
semitop4 (61x55x12)
semitope1 (63x34x12)
semitope2 (63x57x12)
semitrans10(250x90x38)
semitrans2 (94x34x30)
semitrans20(140x100x38)
semitrans2n(95x35x31)
semitrans3(106x62x31)
semitrans4(106x62x37)
semitrans5(106x62x31)

semitrans6(105x45x18)

semix13 (138x71x17)

semix1s (84x64x17)

semix2s (117x64x17)

semix33c (150x163x17)

semix3pshunt(150x62x17)

semix3p (150x62x17)

semix3s (150x64x17)

semix4s (183x69x17)

semix5p (130x70x17)

semix101gd066hds

semix101gd126hds

semix101gd12e4s

semix101gd12vs

semix105gd12t4

semix151gal12e4s

semix151gal12vs

semix151gar12e4s

semix151gb12e4s

semix151gb12vs

semix151gb17e4s

semix151gd066hds

semix151gd126hds

semix151gd12e4s

semix151gd12vs

semix155gd12t4

semix155gd17e4

semix155mli07e4

semix155mli12e4

semix201gd066hds

semix202gb066hds

semix202gb12e4s

semix202gb12vs

semix202gb17e4s

semix205garl07e3

semix205gd12e4

semix205mli07e4

semix205mli12e4

semix205tmli12e4b

semix223gb12e4p

semix223gb12vs

semix223gd12e4c

semix223gd12vc

semix251gd126hds

semix252gb126hds

semix252gb176hds

semix302gal12e4s

semix302gal17e4s

semix302gar12e4s

semix302gb066hds

semix302gb126hds

semix302gb12e4s

semix302gb12vs

semix302gb176hds

semix302gb17e4s

semix303gb12e4p

semix303gb12e4s

semix303gb12vs

semix303gb17e4s

semix303gd12e4c

semix303gd12vc

semix305garl07e3

semix305gd07e4

semix305mli07e4

semix305mli12e4

semix305tmli12e4b

semix305tmli17e4c

semix353gb126hds

semix353gb176hds

semix353gd126hdc

semix353gd176hdc

semix402gal066hds

semix402gar066hds

semix402gb066hds

semix404gb12e4s

semix404gb12vs

semix404gb17e4s

semix405garl07e3

semix405mli07e4

semix405tmli12e4b

semix452gal126hds

semix452gb126hds

semix452gb176hds

semix453gal12e4s

semix453gal17e4s

semix453gar12e4s

semix453gb07e3p

semix453gb12e4ip

semix453gb12e4p

semix453gb12e4s

semix453gb12vs

semix453gb176hds

semix453gb17e4ip

semix453gb17e4p

semix453gb17e4s

semix453gd12e4c

semix453gd12vc

semix453gd176hdc

semix453gd17e4c

semix503gb126hds

semix503gd126hdc

semix603gal066hds

semix603gar066hds

semix603gb066hds

semix603gb12e4ip

semix603gb12e4p

semix603gb12vs

semix603gb17e4p

semix604gal12e4s

semix604gar12e4s

semix604gb126hds

semix604gb12e4s

semix604gb12vs

semix604gb176hds

semix604gb17e4s

semix653gal176hds

semix653gar176hds

semix653gb176hds

semix653gd176hdc

semix703gal126hds

semix703gar126hds

semix703gb126hds

semix703gd126hdc

semix71gd12e4s

semix854gb176hds

semix904gb126hds

sevenpack

singleswitch

sixpack

sk10bgd065et

sk10dgd1065et

sk10dgd126et

sk10dgd12t4et

sk10gd126et

sk10gd12t4et

sk100dgd1066t

sk100gb066t

sk100gb12t4t

sk100gd066t

sk100gd07f3td1

sk100gd126t

sk100gd12t4t

sk100gh12t4t

sk100mli066t

sk120gb12f4t

sk13gd063

sk15dgd126et

sk15dgd12t4et

sk15gd126et

sk15gd12t4et

sk30dgd1066et
sk30gbb066t
sk30gd066et
sk30gd066etp
sk30mli066
sk30mli066p
sk35dgd1126t
sk35dgd112t4ete2
sk35dgd112t4t
sk35gal12t4
sk35gar12t4
sk35gb12t4
sk35gd065et
sk35gd126et
sk35gd12t4et
sk35mli12t4p
sk45gal063
sk45gar063
sk45gb063
sk45gd063
sk45gh063
sk50dgd1066ete2
sk50dgd1066t
sk50dgd1126t
sk50dgd112t4t
sk50gal065
sk50gar065
sk50gar1065f
sk50gar1065usa
sk50gb065

sk50gb12t4t
sk50gbb066t
sk50gd066et
sk50gd066etp
sk50gd126t
sk50gd12t4t
sk50gd12t4tp
sk50gh065f
sk50gh12t4t
sk50mli066
sk50mli07f3d1p
sk55garl065e
sk60gal125
sk60gar125
sk60gb125
sk70mli12t4tp
sk75dgdI066t
sk75gal12t4
sk75gar12t4
sk75garl065e
sk75gb066t
sk75gb12t4t
sk75gbb066t
sk75gd066t
sk75gd07e3ete2
sk75gd126t
sk75gd12t4t
sk75gd12t4tp
sk75mli066t
sk80gb063

sk80gb125t

sk80gm063

sk9bgd065et

sk9dgd065et

sk100dbb07f3td1p

sk100mli07f3td1p

sk150dbb07f3td1p

sk200tmli12f4te2

sk25dgd12t4tp

sk25gd12t4ete1

sk35dgd12t4tp

sk35gd12t4ete1

sk50bgl07f3tufbpp

sk50gd07e3ete1

sk50gd12t4ete2

sk75gd12t4ete2

sk75ghl07f3td1

sk80tmli12f4tp

skiiip01nac066v3

skiiip01nec066v3

skiiip02ac066v1

skiiip02nac066v3

skiiip02nac12t4v1

skiiip02neb066v3

skiiip02nec066v3

skiiip03ac126v1

skiiip03nac126v1

skiiip03nac12t4v1

skiiip03neb066v3

skiiip03nec066v3

skiiip04ac066v1
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skiiip11ac126v1
skiiip11ac126v10
skiiip11ac12t4v1
skiiip11heb066v1
skiiip11nab065v1
skiiip11nab066v1
skiiip11nab126v1
skiiip11nab12t4v1
skiiip12ac126v1
skiiip12ac12t4v1
skiiip12acc12t4v10
skiiip12heb066v1
skiiip12nab065v1
skiiip12nab066v1
skiiip12nab126v1
skiiip12nab126v20
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skiiip13ac126v1
skiiip13ac126v20
skiiip13ac12t4v1
skiiip13nab065v1
skiiip13nab066v1
skiiip14ac065v1
skiiip14nab065v1
skiiip14nab066v1
skiiip15ac065v1
skiiip15ac066v1
skiiip16gh066v1

skiiip22gb17e4v1

skiiip22nab126v10

skiiip23ac126v1

skiiip23ac12t4v1

skiiip23acc12t4v10

skiiip23nab126v1

skiiip23nab126v10

skiiip23nab126v20

skiiip23nab12t4v1

skiiip23nab12t4v10

skiiip23nab12t4v2

skiiip24ac126v1

skiiip24ac12t4v1

skiiip24acc12t4v10

skiiip24gb07e3v1

skiiip24gb12t4v1

skiiip24gb17e4v1

skiiip24nab126v1

skiiip24nab126v10

skiiip24nab12t4v1

skiiip24nab12t4v10

skiiip24nab12t4v4

skiiip24nab176v1

skiiip25ac126v1

skiiip25ac12t4v1

skiiip25nab065v10

skiiip25nab066v1

skiiip25neb066v1

skiiip26ac066v1

skiiip26ac126v1

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skiiip26gh12t4v11
skiiip26mli07e3v1
skiiip26nab066v1
skiiip27ac066v1
skiiip27gh066v1
skiiip27mli07e3v1
skiiip28ac065v1
skiiip28ac066v1
skiiip28gh066v1
skiiip28mli07e3v1
skiiip28tmli12f4v1
skiiip29tmli12f4v1
skiiip34nab12t4v1
skiiip34nab176v3
skiiip35acc12f4v1
skiiip35nab126v1
skiiip35nab126v10
skiiip35nab12t4v1
skiiip35tmli12f4v2
skiiip36gb17e4v1
skiiip36nab126v1
skiiip36nab126v10
skiiip37ac126v2
skiiip37ac12t4v1
skiiip37nab065v1
skiiip37nab066v1

skiiip37nab12t4v1

skiiip37nab12t4v10

skiiip38ac126v2

skiiip38ac12t4v1

skiiip38ac176v2

skiiip38gb07e3v1

skiiip38gb12e4v1

skiiip38gb17e4v1

skiiip38nab066v1

skiiip38nab12t4v1

skiiip39ac065v2

skiiip39ac066v4

skiiip39ac126v2

skiiip39ac126v20

skiiip39ac12t4v1

skiiip39ac12t4v10

skiiip39ac12t4v21

skiiip39ga12t4v1

skiiip39gb12e4v1

skiiip39mli07e3v1

skiiip39mli12t4v1

skiiip39tmli12t4v2

skiiip25ac12t4v25

skiiip39gb12vv1

skiiip39mlib12f4v1

skiiip39mlit12f4v1

skim4 (123x107x35)

skim5 (178x107x35)

skim63 (160x114x35)

skim93 (160x150x35)

skim120gd176d
skim200gd126d
skim201mli12e4
skim220gd176dh4
skim270gd176d
skim300gd126d
skim300gd126dl
skim301mli07e4
skim301mli12e4
skim301tmli12e4b
skim301tmli12e4c
skim304gd12t4d
skim306gd12e4
skim400gd126dlm
skim400gd126dm
skim401mli07e4
skim401tmli12e4b
skim406gd066hd
skim429gd17e4hd
skim450gd126d
skim450gd126dl
skim455gd12t4d1
skim459gd12e4
skim600gd126dlm
skim601gd126dm
skim601mli07e4
skim601tmli12e4b
skim606gd066hd
skim609gal12e4
skim609gar12e4

skim909gd066hd
skm1000gb17r8
skm100gal12f4
skm100gal12t4
skm100gal17e4
skm100gar12f4
skm100gar17e4
skm100gb063d
skm100gb125dn
skm100gb12f4
skm100gb12t4
skm100gb12t4g
skm100gb12v
skm100gb176d
skm100gb17e4
skm1200mli12be4
skm1200mli12te4
skm1400gb12p4
skm1400gb17r8
skm145gal176d
skm145gb066d
skm145gb176d
skm150gal12t4
skm150gal12v
skm150gar12t4
skm150gb12f4g
skm150gb12t4
skm150gb12t4g
skm150gb12v
skm150gb12vg

skm150gb17e4

skm150gb17e4g

skm150gb17e4gh16

skm150gm12t4g

skm150mli066tat

skm195gal07e3

skm195gal126d

skm195gar07e3

skm195gb066d

skm195gb07e3

skm195gb126d

skm200gal125d

skm200gal126d

skm200gal12e4

skm200gal12t4

skm200gal176d

skm200gal17e4

skm200gar125d

skm200gar12e4

skm200gar173d

skm200gar17e4

skm200garl066t

skm200gb063d

skm200gb125d

skm200gb126d

skm200gb12e4

skm200gb12f4

skm200gb12t4

skm200gb12v

skm200gb176d

skm200gb17e4
skm200gm12t4
skm200mli066tat
skm25gah125d
skm25gd125d
skm300ga12e4
skm300ga12t4
skm300ga12v
skm300gal063d
skm300gal07e3
skm300gal12e4
skm300gal12t4
skm300gar063d
skm300gar07e3
skm300gar12e4
skm300garl066t
skm300gb063d
skm300gb066d
skm300gb07e3
skm300gb125d
skm300gb126d
skm300gb12e4
skm300gb12f4
skm300gb12t4
skm300gb12v
skm300gb17e4
skm300gb17e4h16
skm300gbd12t4
skm300gm12t4
skm300mli066tat

skm400ga12e4

skm400ga12t4

skm400ga12v

skm400gal125d

skm400gal126d

skm400gal12e4

skm400gal12f4

skm400gal12t4

skm400gal12v

skm400gal176d

skm400gal17e4

skm400gar125d

skm400gar12e4

skm400gar12f4

skm400gar12t4

skm400gar12v

skm400gar176d

skm400gar17e4

skm400garl066t

skm400gb066d

skm400gb07e3

skm400gb125d

skm400gb126d

skm400gb12e4

skm400gb12f4

skm400gb12t4

skm400gb12v

skm400gb176d

skm400gb17e4

skm400gm12t4

skm450gb12e4
skm450gb12t4
skm450gb33f
skm450gm12e4
skm50gal12t4
skm50gb063d
skm50gb12t4
skm50gb12v
skm50gd125d
skm600ga125d
skm600ga126d
skm600ga12e4
skm600ga12t4
skm600ga12v
skm600ga176d
skm600ga17e4
skm600gae12e4
skm600gal126d
skm600gb066d
skm600gb07e3
skm600gb126d
skm75gal063d
skm75gar063d
skm75gb063d
skm75gb12f4
skm75gb12t4
skm75gb12v
skm75gb173d
skm75gb176d
skm75gb17e4

skm75gb17e4h16

skm800ga125d

skm800ga126d

skm800ga176d

skm900ga12e4

switchesascdesc

technologyascdesc

top100/558

top120/558

top140/558

top160/558

top180/558

top20/558

top200/558

top220/558

top240/558

top260/558

top280/558

top300/558

top320/558

top340/558

top360/558

top380/558

top40/558

top400/558

top420/558

top440/558

top460/558

top480/558

top500/558

top520/558

top540/558

top60/558

top80/558

trench5(l5)

twelvepack

vcesinvascdesc

v-igbt

диодный мост semikron

skb25

bi25

bi25p

bi6

bi6p

caseg10b (29x29x10)

caseg11b (29x29x10)

caseg50a (29x29x10)

dbi (40x20x10)

dbi (40x22x7)

dbi25

dbi25p

dbi6

dbi6p

g12 (55x45x24)

g13 (55x45x24)

g50b (29x29x10)

g51 (90x29x18)

g55 (63.5x29.5x17)

inproduction

inproductionnew

miniskiipii2 (59x52x16)

miniskiipii3 (82x59x16)

notfornewdesigns

samplestatus

semipont1 (63x32x22)

semipont2 (65x48x36)

semipont3 (72x42x30)

semipont4 (94x54x32)

semipont5 (81x46x17)

semipont6 (100x45x17)

semitop2 (41x28x12)

semitop2press-fit (28x40.5x12)

semitop3 (55x31x12)

semitop4 (61x55x12)

semix13 (138x71x17)

semix5p (130x70x17)

semix241dh16s

semix245dh16

semix251d12fs

semix291d16s

semix341d16s

semix365dh16

semix501d17fs

sk100b

sk170dhl126

sk200dhl066

sk40bhl066t

sk40dh

sk40dt

sk50b

sk50b06uf

sk55b06f

sk55b12f

sk55d

sk55dgl126

sk70b

sk70d

sk70dh

sk70dt

sk80d12f

sk95d

sk95d16p

sk95dgl126

sk150dgl12t4

skb26

skb28

skb30

skb35

skb52

skb60

skb72

skbh28

skbt28

skbt40

skbz28

skch28

skch40

skd100

skd110

skd115

skd116/..-l105

skd116/..-l140

skd145

skd146/..-l105

skd146/..-l140t4

skd160

skd210

skd25

skd26

skd30

skd31

skd33

skd35

skd35av

skd51

skd53

skd60

skd62

skd82

skd83

skdh100

skdh115

skdh116/..l105

skdh116/..l140

skdh145

skdh146/..-l105

skdh146/..-l140

skdt115

skdt145

skdt60

skiiip28ahb16v1

skiiip28anb16v1

skiiip28anb16v10

skiiip28anb16v2

skiiip28anb18v3

skiiip39ahb16v1

skiiip39anb16v1

модуль semikron, igbt, мост диодный Минск +375447584780

www.fotorele.net www.tiristor.by радиодетали, электронные компоненты

email minsk17@tut.by tel.+375 29 758 47 80 МТС

Мы не работаем с частными (физическими) лицами.

Мы работаем только с юридическими лицами(организациями) и ИП и только по безналичному расчёту.

каталог, описание, технические, характеристики, datasheet, параметры, маркировка, габариты, фото

КАТАЛОГ SEMIKRON 2017/2018 МИНСК

модуль semikron, igbt, мост