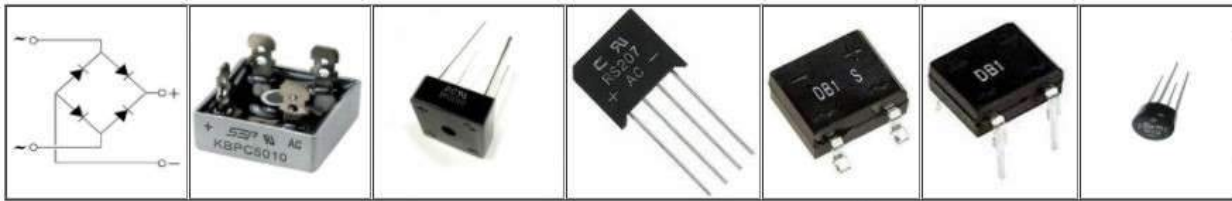


каталог, описание, технические, характеристики, datasheet, однофазный, трёхфазный,
параметры, маркировка, габариты, фото, skbpc, skbpc5010, даташит, аналог, замена



Диодные мосты
однофазные KBPC



Диодные мосты
однофазные QL



Диодные мосты
трёхфазные SQL



Диодные мосты
однофазные MDQ

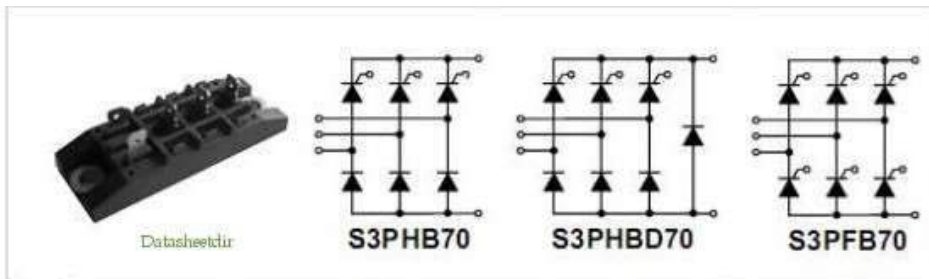


Диодные мосты
трёхфазные MDS



Диодные мосты
однофазные DF10M

Минск www.fotorele.net www.tiristor.by
email minsk17@tut.by тел.+375447584780
и другие, радиодетали, электронные компоненты
каталог, описание, технические, характеристики,
datasheet,
параметры, маркировка, габариты, фото, аналог,
замена
смотрите ниже



Трёхфазные полностью управляемые мосты

Трёхфазные полууправляемые мосты

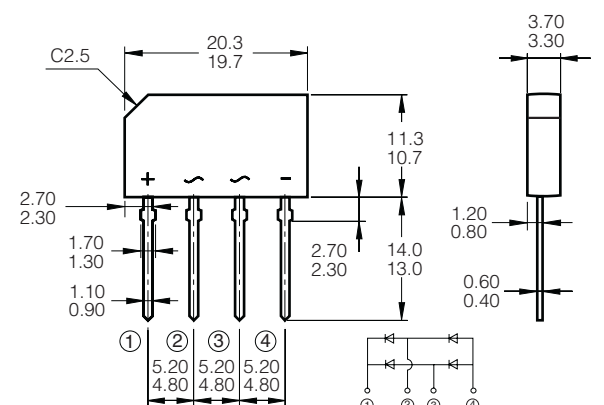
Трёхфазные полууправляемые мосты с разрядным

Трёхфазные тиристорные модули с общим анодом

Однофазные выпрямительные мосты

Трёхфазные выпрямительные мосты

1.5 Amp. Glass Passivated Bridge Rectifiers

Dimensions in mm.	GBL	Voltage 400 V to 1000 V	Current 1.5 A
		<ul style="list-style-type: none"> • Glass passivated chip junction • Ideal for printed circuit board • High case dielectric strength • Plastic material has Underwriters Laboratory Flammability Classification 94V-0 • Typical IR less than 0.1μA • High surge current capability • High temperature soldering guaranteed: 260 °C / 10 seconds / 9.5mm, lead lengths. 	
		MECHANICAL DATA <ul style="list-style-type: none"> • Case: Molded plastic body. • Terminals: Pure tin plated, Lead free, leads solderable per MIL-STD-750, Method 2026. • Weight: 0.071 ounce, 2.0 grams • Mounting position: Any 	

Maximum Ratings and Electrical Characteristics at 25 °C

		D2SBA 40	D2SBA 60	D2SBA 80	D2SBA 100
V_{RRM}	Maximum Recurrent Peak Reverse Voltage (V)	400	600	800	1000
V_{RMS}	Maximum RMS Voltage (V)	280	420	560	700
V_{DC}	Maximum DC Blocking Voltage (V)	400	600	800	1000
$I_{F(AV)}$	Maximum Average Forward Rectified Current @ $T_A = 25\text{ °C}$	1.5 A			
I_{FSM}	Peak Forward Surge Current, 8.3 ms Single Half Sine-wave Superimposed on Rated Load (JEDEC Method)	60 A			
I^2t	Rating for fusing ($t < 8.3\text{ ms}$)	15 A ² sec			
T_j	Operating Temperature Range	-55 to +150 °C			
T_{stg}	Storage Temperature Range	-55 to +150 °C			

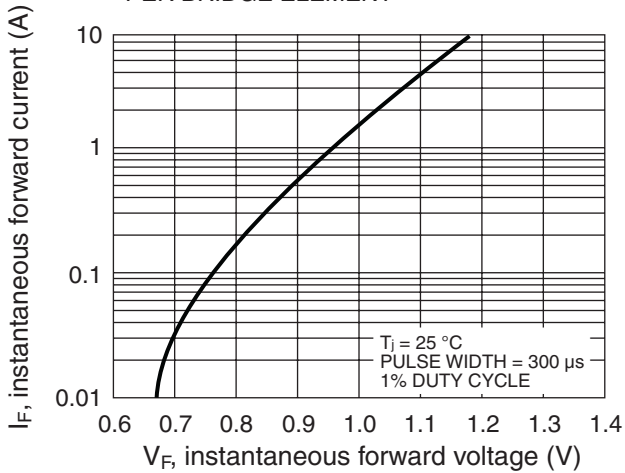
Electrical Characteristics at $T_{amb} = 25\text{ °C}$

V_F	Maximum Instantaneous Forward Voltage per leg @ = 1.0 A	1.05 V
I_R	Maximum DC Reverse Current @ $T_A = 25\text{ °C}$ at Rated DC Blocking Voltage @ $T_A = 125\text{ °C}$	10 μA 500 μA
$R_{th(j-a)}$	Typical Thermal Resistance Per Leg (Note)	32 °C/W
$R_{th(j-c)}$		13 °C/W

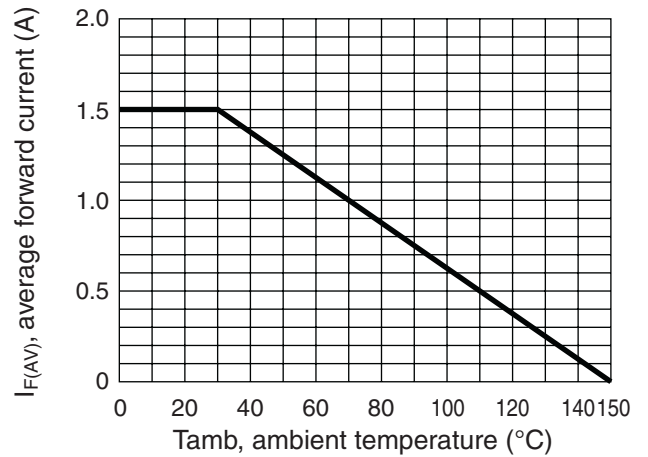
Note: 1. Units Mounted In Free Air No Heat Sink On P.C.B. 12 x 12mm Copper Pads, 9.5mm Lead Length.

Rating And Charasterictic Curves

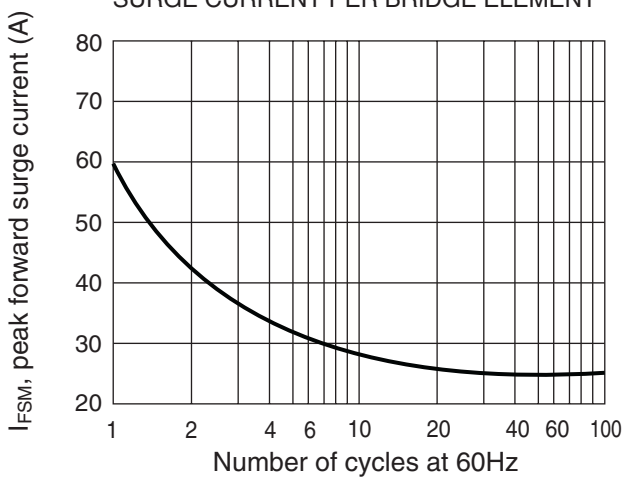
TYPICAL FORWARD CHARACTERISTICS PER BRIDGE ELEMENT



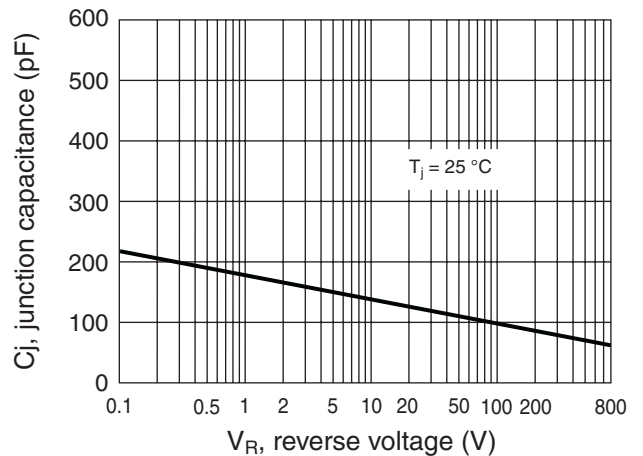
MAXIMUM FORWARD CURRENT DERATING CURVE



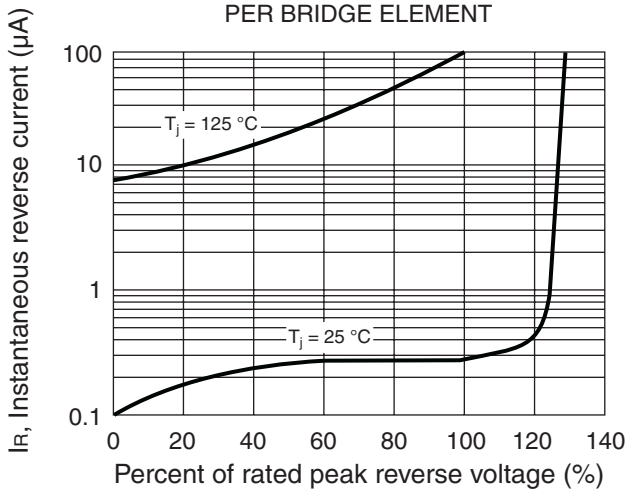
MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT PER BRIDGE ELEMENT



TYPICAL JUNCTION CAPACITANCE



TYPICAL REVERSE CHARACTERISTICS PER BRIDGE ELEMENT



D2SB60
600V 1.5A

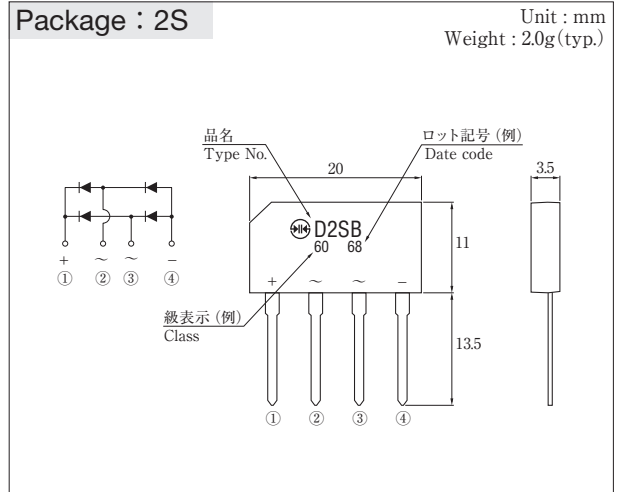
特長

- 薄型 SIP パッケージ
- 高 I_{FSM}

Feature

- Thin-SIP
- Large I_{FSM}

外観図 OUTLINE



外形図については新電元 Web サイト又は〈半導体製品一覧表〉をご参照下さい。捺印表示については捺印仕様をご確認下さい。
For details of outline dimensions, refer to our web site or the Semiconductor Short Form Catalog. As for the marking, refer to the specification "Marking, Terminal Connection."

定格表 RATINGS

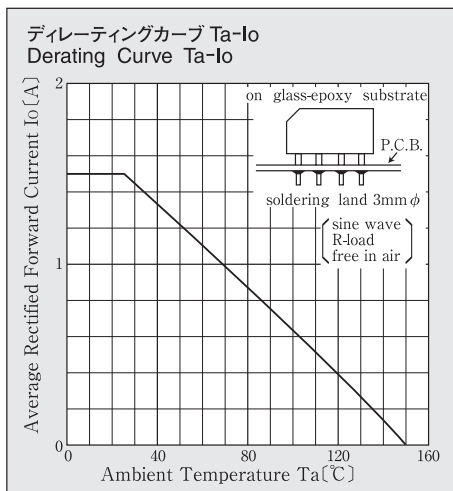
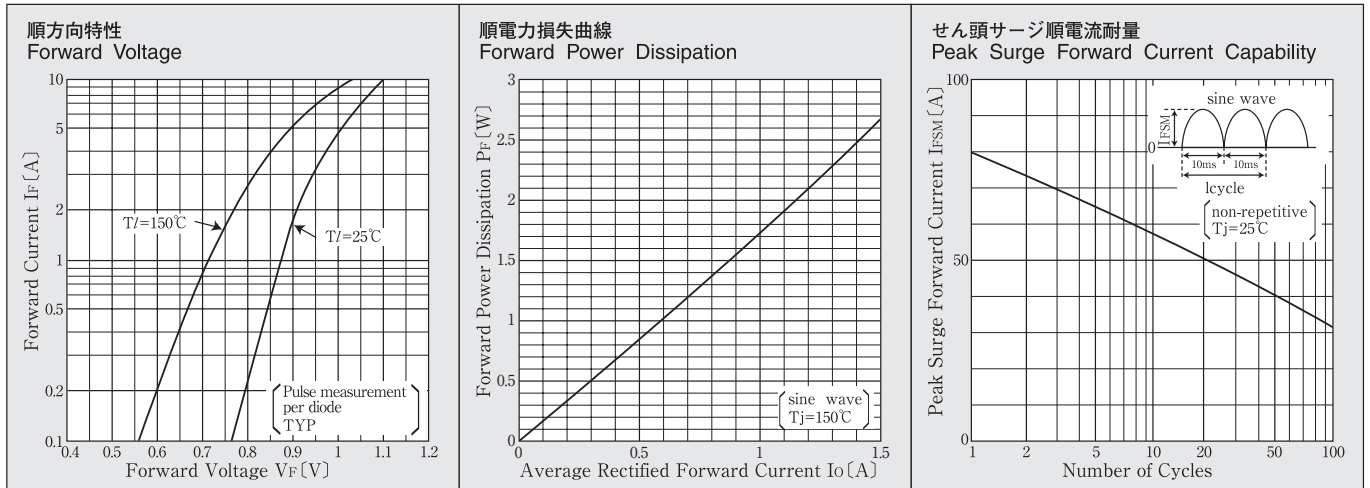
● **絶対最大定格 Absolute Maximum Ratings** (指定のない場合 T_l = 25°C / unless otherwise specified)

項目 Item	記号 Symbol	条件 Conditions	品名 Type No.	D2SB60	単位 Unit
保存温度 Storage Temperature	T _{stg}			-40~150	°C
接合部温度 Operation Junction Temperature	T _j			150	°C
せん頭逆電圧 Maximum Reverse Voltage	V _{RM}			600	V
出力電流 Average Rectified Forward Current	I _O	50Hz 正弦波, 抵抗負荷, プリント基板実装, T _a = 25°C 50Hz sine wave, Resistance load, On glass-epoxy substrate, T _a = 25°C		1.5	A
せん頭サーージ順電流 Peak Surge Forward Current	I _{FSM}	50Hz 正弦波, 非繰り返し 1 サイクルせん頭値, T _j = 25°C 50Hz sine wave, Non-repetitive 1 cycle peak value, T _j = 25°C		80	A
電流二乗時間積 Current Squared Time	I ² _t	2ms ≤ t < 10ms, T _j = 25°C		32	A ² s

● **電氣的・熱的特性 Electrical Characteristics** (指定のない場合 T_l = 25°C / unless otherwise specified)

順電圧 Forward Voltage	V _F	I _F = 0.75A, パルス測定, 1 素子当たりの規格値 Pulse measurement, per diode	MAX	1.05	V
逆電流 Reverse Current	I _R	V _R = V _{RM} , パルス測定, 1 素子当たりの規格値 Pulse measurement, per diode	MAX	10	μA
熱抵抗 Thermal Resistance	θ _{j/l}	接合部・リード間 Junction to Lead	MAX	10	°C/W
	θ _{ja}	接合部・周囲間 Junction to Ambient	MAX	47	

■特性図 CHARACTERISTIC DIAGRAMS



- * Sine wave は 50Hz で測定しています。
- * 50Hz sine wave is used for measurements.
- * 半導体製品の特性は一般的にバラツキを持っています。
- Typical は統計的な実力を表しています。
- * Semiconductor products generally have characteristic variation.
- Typical is a statistical average of the device's ability.

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 - 【特別用途】
輸送機器(車載、船舶等)、基幹用通信機器、交通信号機器、防災/防犯機器、各種安全機器、医療機器等
 - 【特定用途】
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[Standard applications]

Computers, office automation and other office equipment, communication terminals, test and measurement equipment, audio/visual equipment, amusement equipment, consumer electronics, machine tools, personal electronic equipment, industrial equipment, etc.

[Special applications]

Transportation equipment (vehicles, ships, etc.), trunk-line communication equipment, traffic signal control systems, anti-disaster/crime systems, safety equipment, medical equipment, etc.

[Specific applications]

Nuclear reactor control systems, aircraft, aerospace equipment, submarine repeaters, life support equipment and systems, etc.

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SHINDENGEN

General Purpose Rectifiers

SIL Bridges

D2SBA60

600V 1.5A

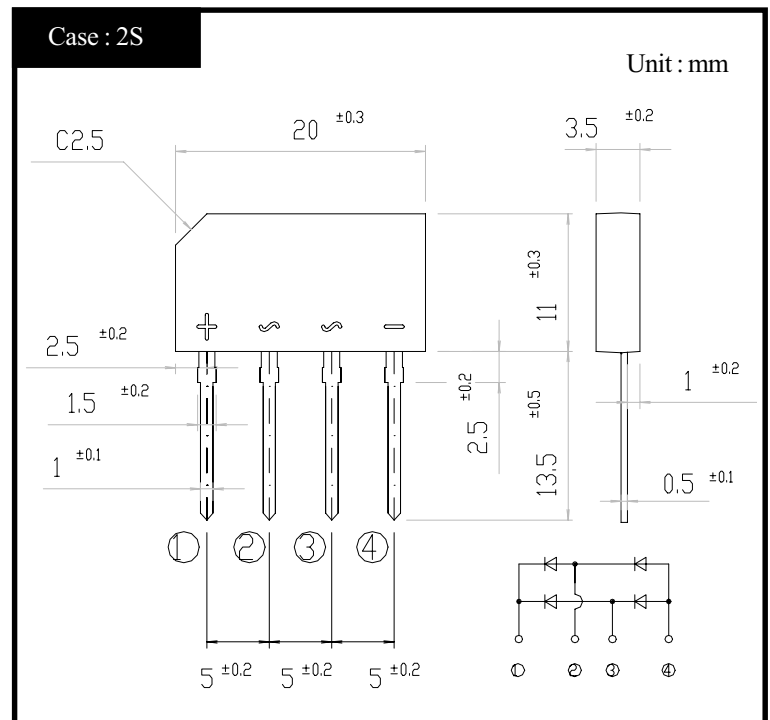
FEATURES

- Thin Single In-Line Package
- High IFSM
- Applicable to Automatic Insertion

APPLICATION

- Switching power supply
- Home Appliances, Office Equipment
- Telecommunication, Factory Automation

OUTLINE DIMENSIONS



RATINGS

●Absolute Maximum Ratings (If not specified Tl=25°C)

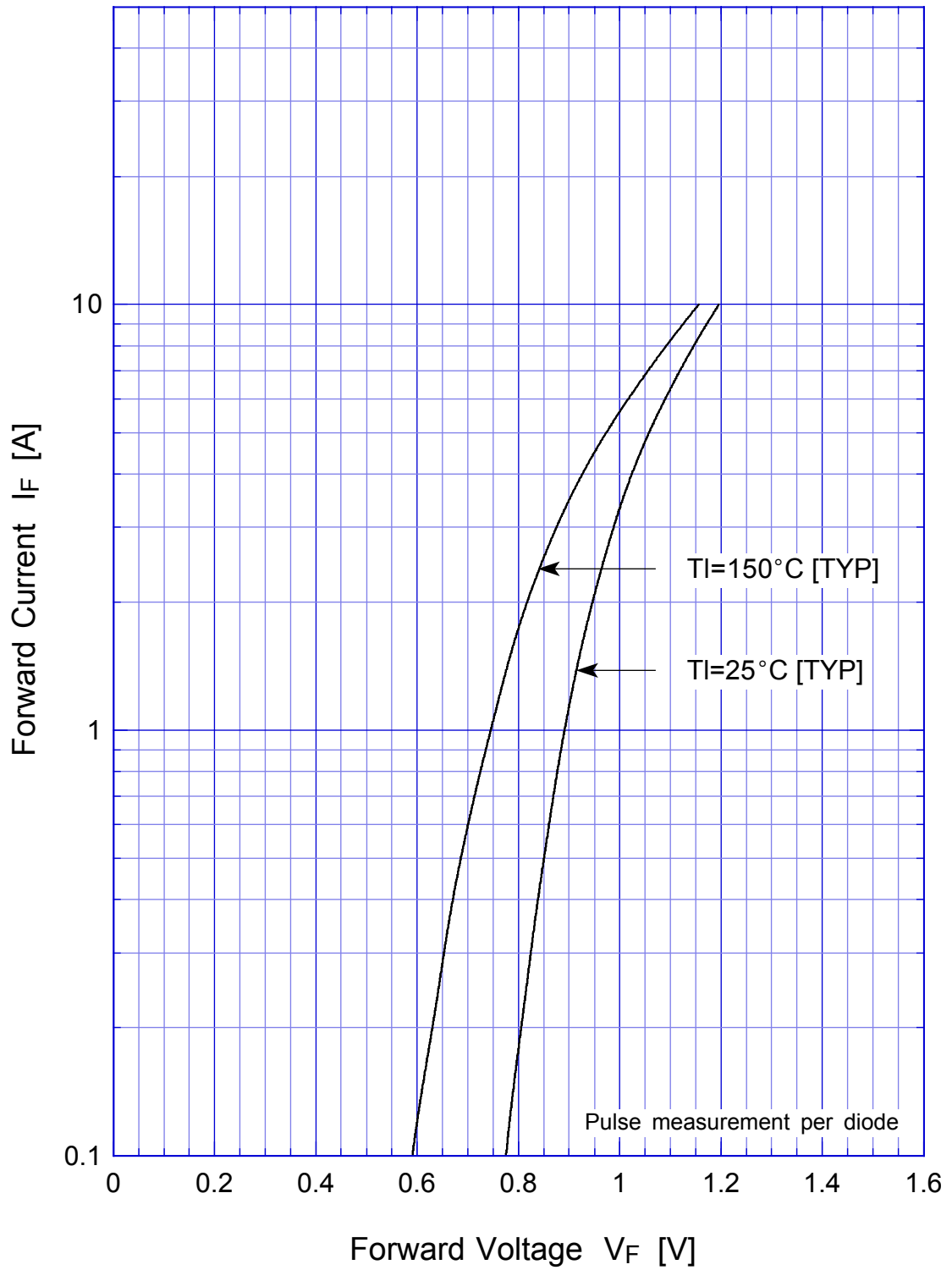
Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	T _{stg}		-40~150	°C
Operating Junction Temperature	T _j		150	°C
Maximum Reverse Voltage	V _{RM}		600	V
Average Rectified Forward Current	I _O	50Hz sine wave, R-load, On glass-epoxy substrate, T _a =25°C	1.5	A
Peak Surge Forward Current	I _{FSM}	50Hz sine wave, Non-repetitive 1cycle peak value, T _j =25°C	60	A
Current Squared Time	I ² t	1ms ≤ t < 10ms T _j =25°C	16	A ² s

●Electrical Characteristics (If not specified Tl=25°C)

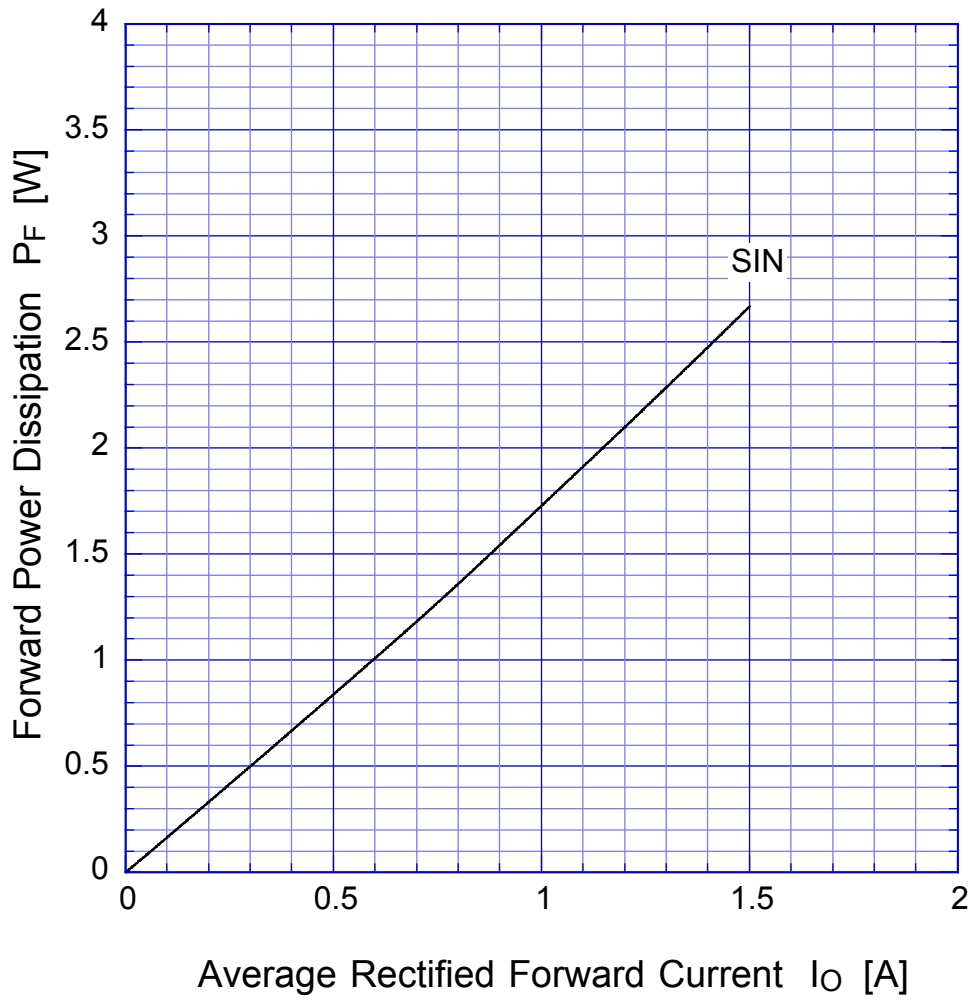
Item	Symbol	Conditions	Ratings	Unit
Forward Voltage	V _F	I _F =0.75A, Pulse measurement, Rating of per diode	Max.1.05	V
Reverse Current	I _R	V _R =V _{RM} , Pulse measurement, Rating of per diode	Max.10	μA
Thermal Resistance	θ _{jl}	junction to lead	Max.10	°C/W
	θ _{ja}	junction to ambient	Max.47	

D2SBAx

Forward Voltage



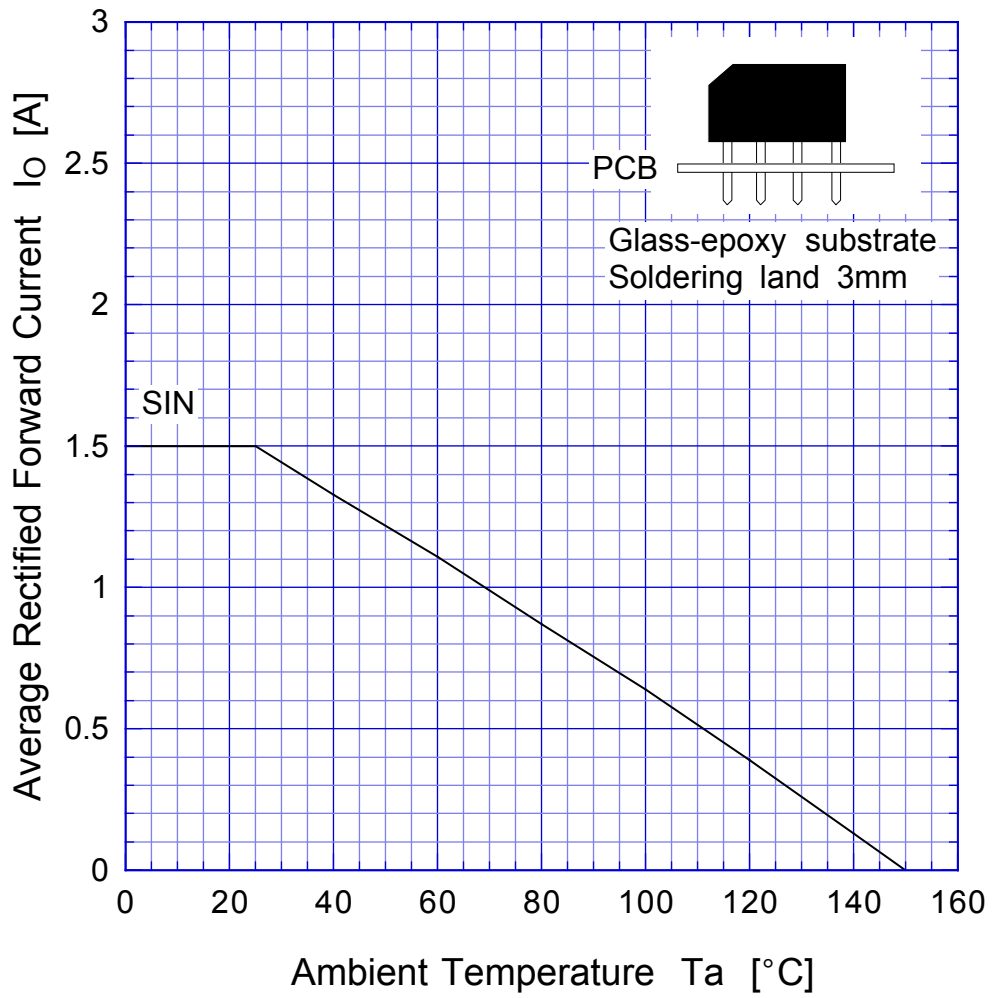
D2SBAX Forward Power Dissipation



$T_j = 150^\circ\text{C}$
Sine wave

D2SBAx

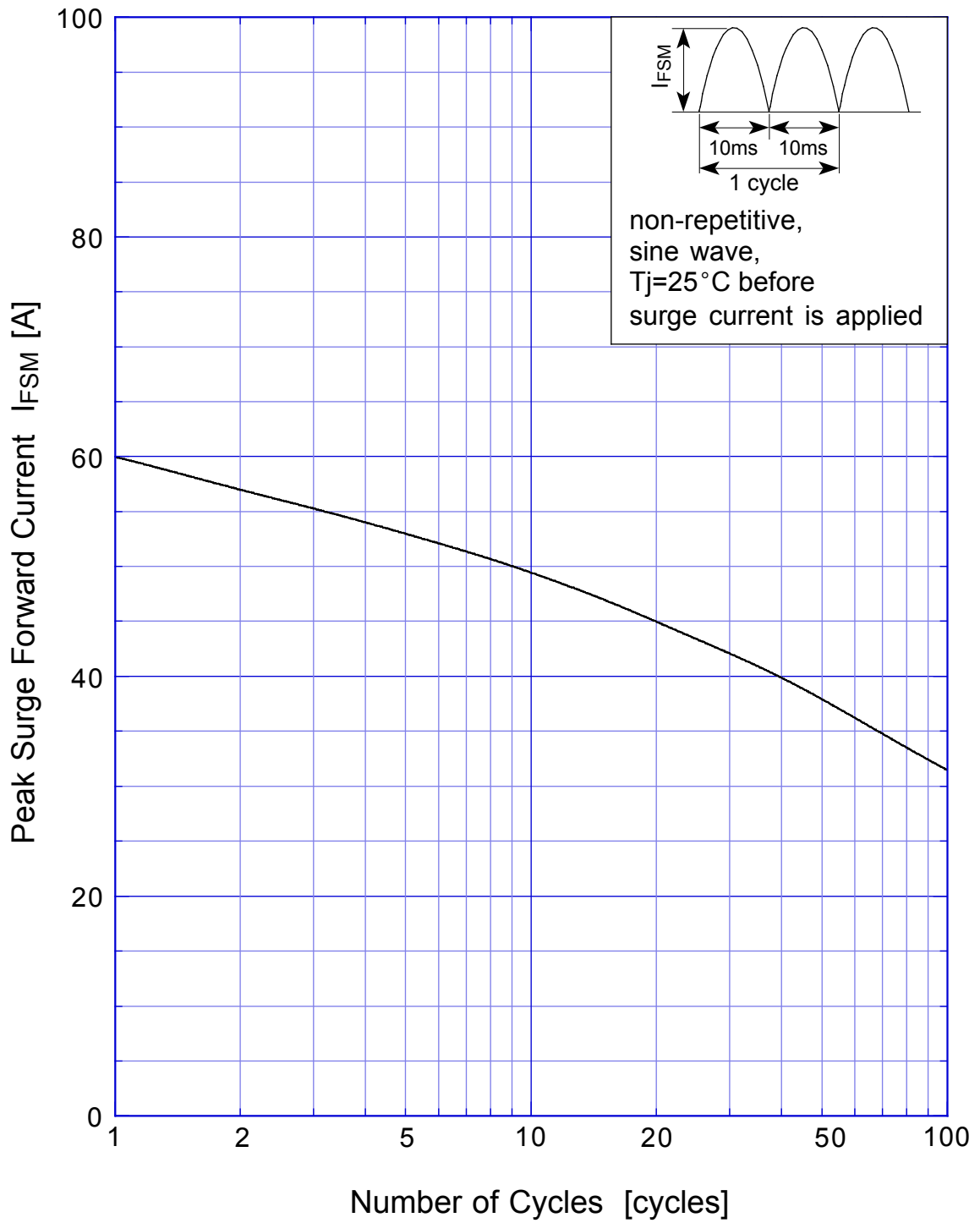
Derating Curve



Sine wave
R-load
Free in air

D2SBAx

Peak Surge Forward Capability

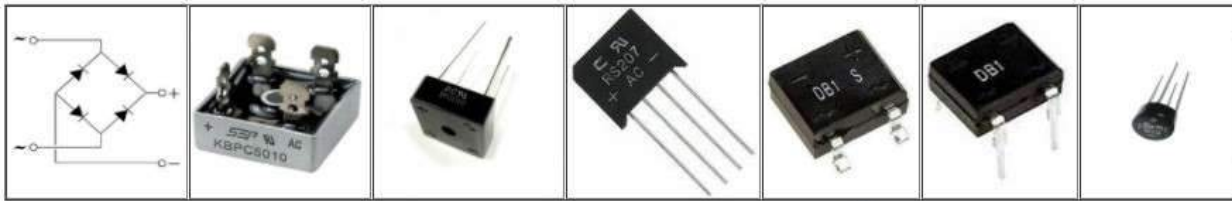


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Диодные мосты
однофазные KBPC



Диодные мосты
однофазные QL



Диодные мосты
трёхфазные SQL



Диодные мосты
однофазные MDQ



Диодные мосты
трёхфазные MDS

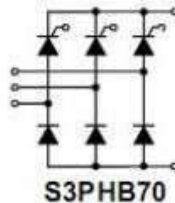


Диодные мосты
однофазные DF10M

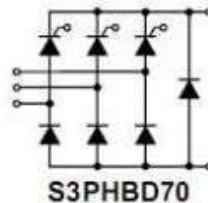
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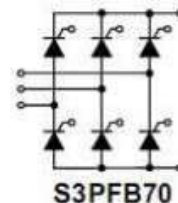
Datasheetdir



S3PHB70



S3PHBD70



S3PFB70

Трёхфазные полностью управляемые мосты

Трёхфазные полууправляемые мосты

Трёхфазные полууправляемые мосты с разрядным

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