

5 é / Descriptions

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Surface Mount Schottky Barrier Rectifier, Reverse Voltage:45V,Forward Current:5.0A,SMBF thin package.

α^a / Features

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Low power loss, high efficiency, High forward surge current capability, For use in low voltage, high frequency inverters, and polarity protection applications,For surface mounted applications,HF Product.

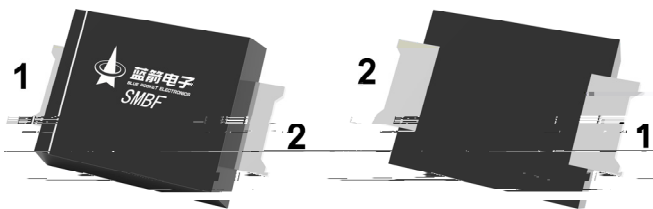
Đ ÷ / Applications

%² " (ož
General purpose.

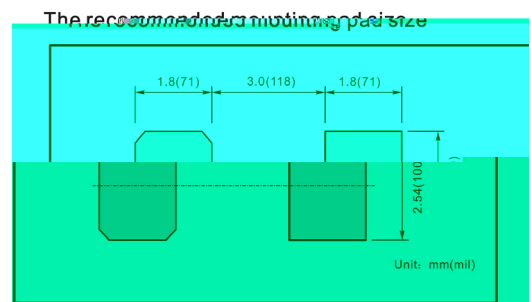
Ã W] Ô . / Equivalent Circuit



• Ū - æ / Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode



, M V / Marking

• - ~^a øž
See Marking Instructions.

1. Absolute Maximum Ratings (T_J = 25°C)

Operating Junction Temperature Range	R _{JA}	55	/W
Storage Temperature Range	T _{stg}	-55~+150	

Note:

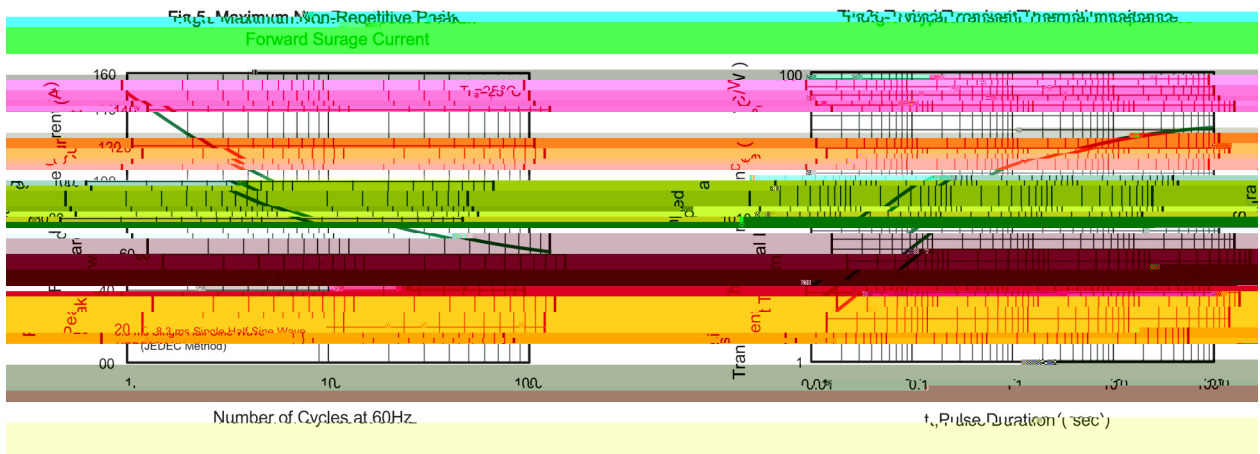
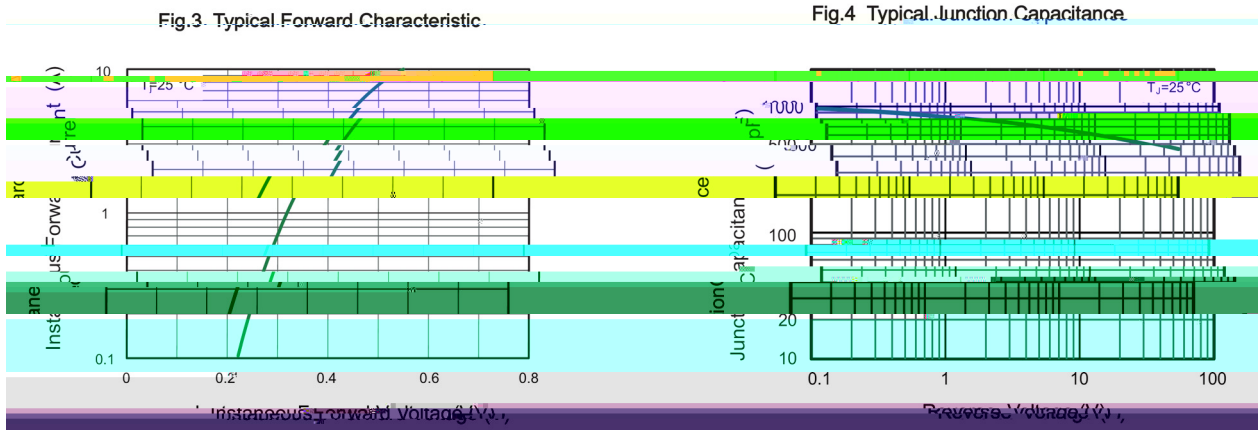
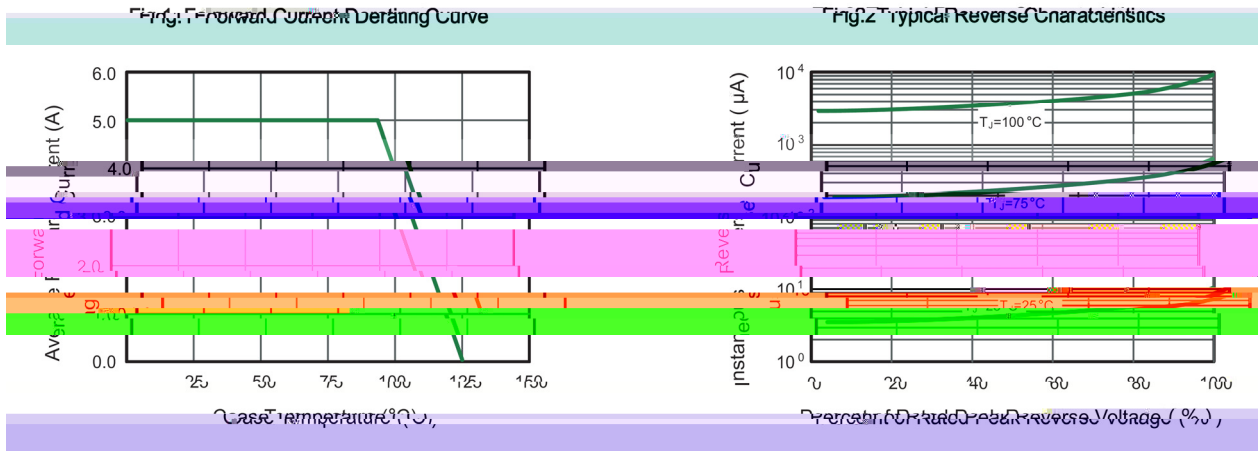
1. Measured at 1 MHz and applied reverse voltage of 4 V D.C

2. P.C.B. mounted with 2.0" X 2.0" (5 X 5 cm) copper pad areas.

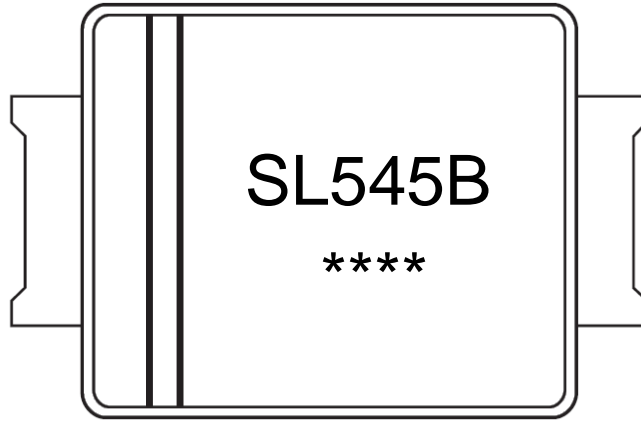
2. Electrical Characteristics (T_a = 25°C)

Parameter	Symbol	Test condition	Rating	Unit
Max Instantaneous Forward Voltage	V _F	I _F = 5.0A	0.43	V
Maximum DC Reverse Current at Rated DC Reverse Voltage	I _R	T _J = 25	0.5	mA
		T _J = 100°C	20	

Electrical Characteristic Curve



, M y f / Marking Instructions



^a ç y
9 2 (y ° Z W A
**** y ÿ D Z W A k š ÿ D Z J

Note:

9 2 (y Product Type Code
**** y Lot No. Code, code change with Lot No

šWD t...•Žϕ (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6

^aϕy

- 1o• Ä ½ “ † 150 ½180 - k ž • 60 ½90sec;
- 2o• Q › “ † 245 r5 - k ž • 4 Ò 5 r0.5sec;
- 3o•D N ò i Ò 0 , † 2 ½10 - /sec.

Note:

- 1.Preheating:150~180 - , Time:60~90sec.
- 2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.
- 3. Cooling Speed: 2~10 - /sec.

ÂD /Cã p ~ »] / Resistance to Soldering Heat Test Conditions

“ † y 260 r5 - ž • y 10 r1 sec. Temp.:260±5 Time:10±1 sec

G P á / Packaging SPEC.

2 & x / REEL