

5 é / Descriptions

n μ É xRK Ô Â 8 â ' k F g 9 y < k 3 g v y ' k V ° S M B F / x o ž
Surface Mount Schottky Barrier Rectifier, Reverse Voltage:45V,Forward Current:5.0A,SMBF thin package.

□ ª / Features

z ô k ä | ä k ~ ... v Ý k 9 z 9 k ä È y â Â ' k 9 n μ É x k —) í D } o ž
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.

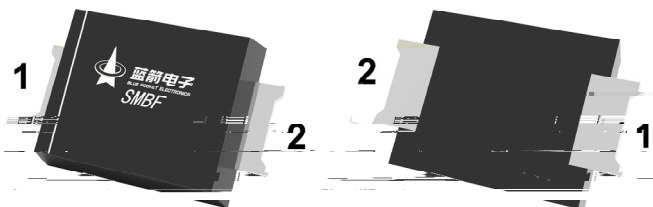
Đ ÷ / Applications

%² " (o ž
General purpose.

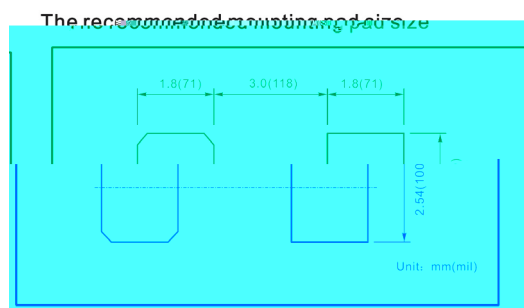
Ã W] Ô · / Equivalent Circuit



• Ů - æ / Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode



, M V / Marking

• - ~ ª ¢ o ž
See Marking Instructions.

Absolute-6(Hf 485aximum 6(Hf 48R)7.5(a)1.5(tings(T)73.4(a=2)-4.2(5))TJ /TT10 1 Tf 18.516 0 TD

² A	R JA	55	/W
Operating Junction Temperature Range	Tj	-55~+125	
Storage Temperature Range	Tstg	-55~+150	

Note:

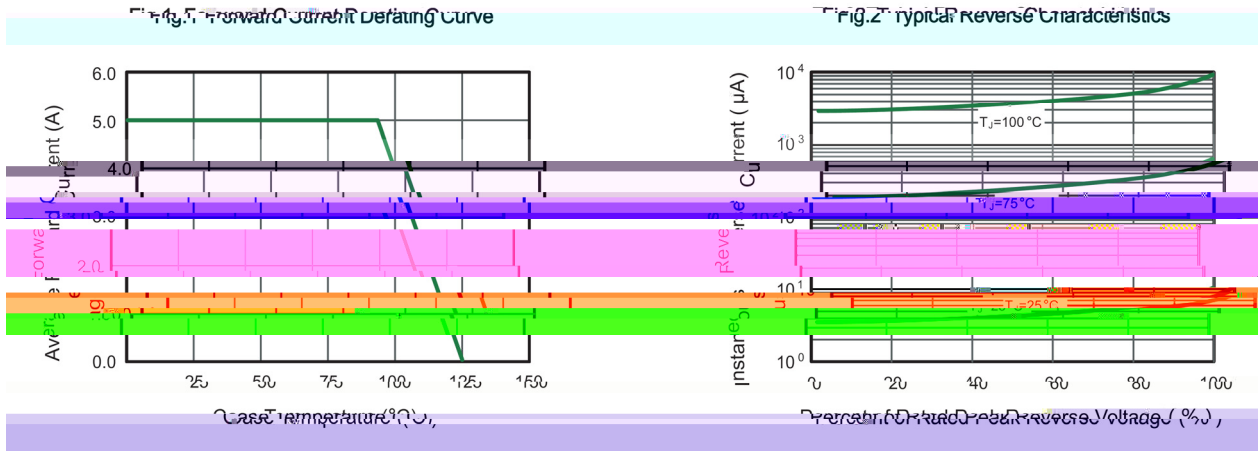
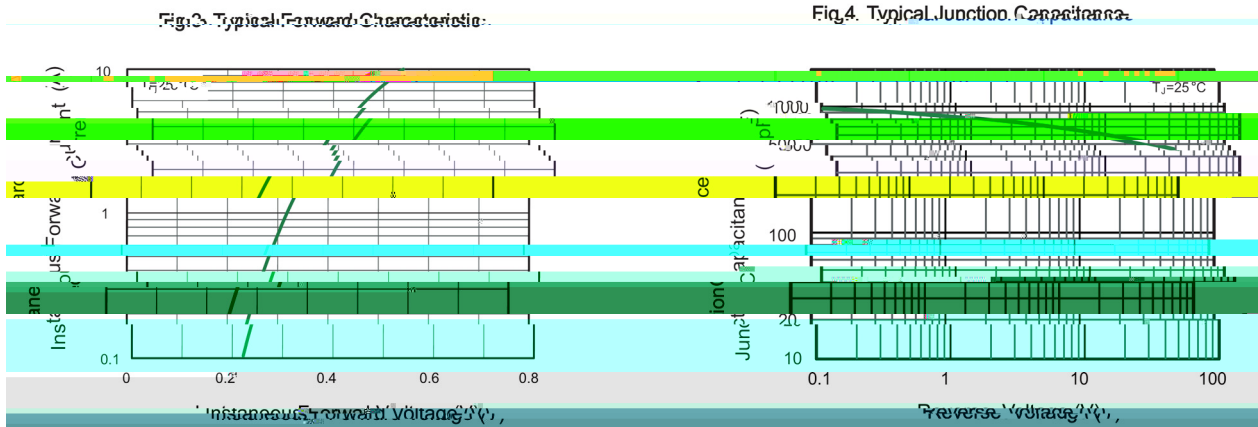
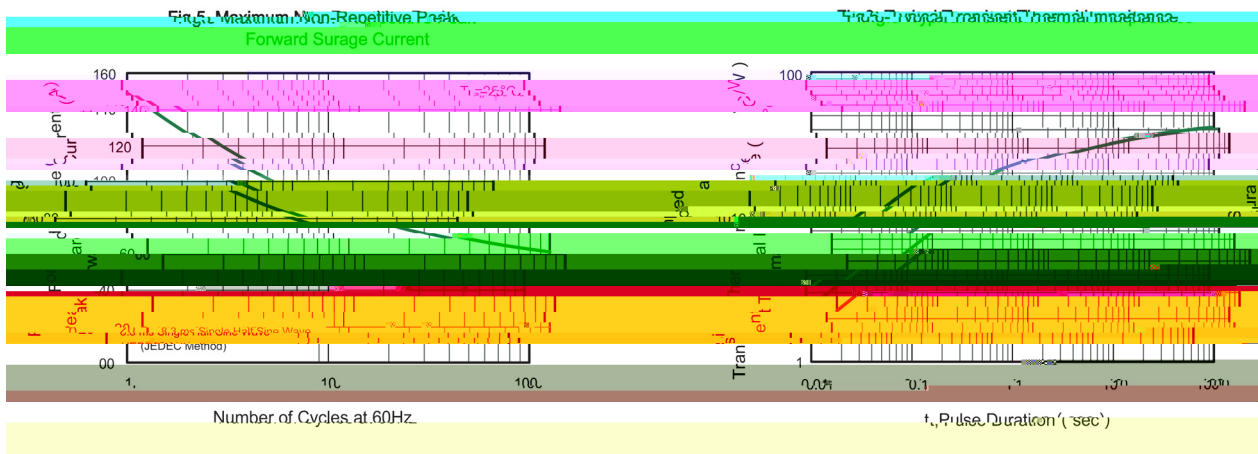
1 Å Measured at 1 MHz and applied reverse voltage of 4 V D.C

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

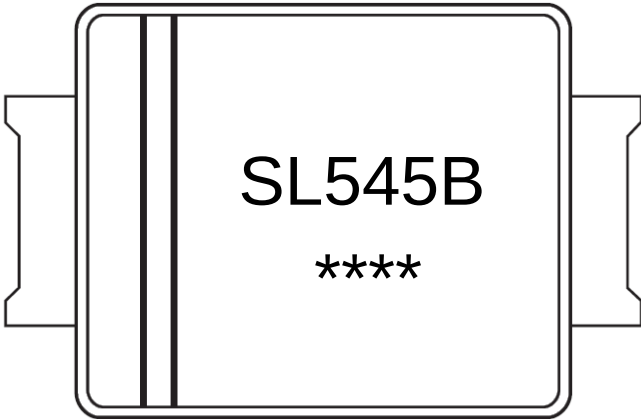
Electrical Characteristics(Ta=25 ;)

@ f Parameter	@ f ... Z Symbol	y i Ú ^ Test condition	f > Rating	% y Unit
Max Instantaneous Forward Voltage	VF	IF=5.0A	0.43	V
Maximum DC Reverse Current at Rated DC Reverse Voltage	IR	Tj=25	0.5	mA
		Tj =100°C	20	

Electrical Characteristic Curve



, M y f / Marking Instructions



a ¢ 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...•Ž¢ (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6

^a¢y

- 1o• Ä½ “† 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