Schottky Barrier Rectifiers

Reverse Voltage - 150 V

Forward Current - 5.0 A

FEATURES

- For surface mounted applications
- Ideal for automated placement
- High forward surge current capability
- The plastic package carries Underwriters
- Laboratory Flammability Classification 94V-0
- High temperature soldering guaranteed 260ÁC/10 seconds at terminals
- Case :SMBF

Application

For use in low voltage high frequency inverters, freewheeling,DC/DC converters,and polarity protection applications.

Absolute Maximum Ratings and Electrical characteristics

Ratings at 25ÁC ambient temperature unless otherwise specified.Single phase, half wave, 60Hz resistive or inductive load, for capacitive load, derate by 20 %

Parameter	Symbols

Marking Diagram

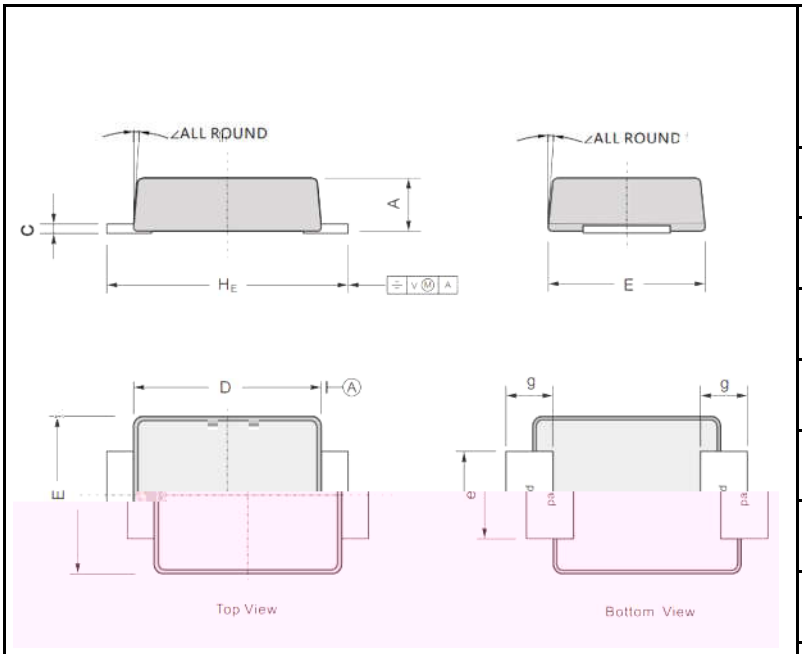


Ordering information

Package	Packing Description	Packing Quantity
SMBF	Tape/Reel,13"reel	5000PCS/Reel 50000PCS/Carton

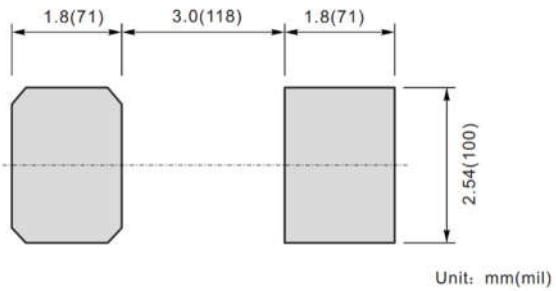
Package Dimensions

SMBF



Dim.	Millimeter(mm)		mil	
	Min.	Max.	Min.	Max.
A	1.1	1.3	43	51
C	0.18	0.26	7	10
D	4.2	4.4	165	173
E	3.5	3.7	138	146
H_E	5.1	5.5	200	216
e	2.2	1.9	75	86
g	1.0		40	
	9°			

The recommended mounting pad size



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