

5 é / Descriptions

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Surface Mount Fast Recovery Rectifiers, Reverse Voltage y 1000V, Forward Current:3.0A ,SMAF thin package.

α a / Features

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Glass Passivated Chip Junction, Fast reverse recovery time, Lead free in comply with EU RoHS 2011/65/EU directives, For surface mounted applications. Halogen free product.

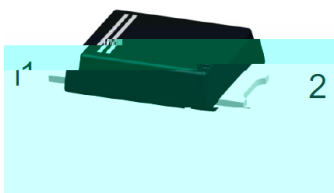
Đ ÷ / Applications

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General purpose.

Ã W] Ô · / Equivalent Circuit

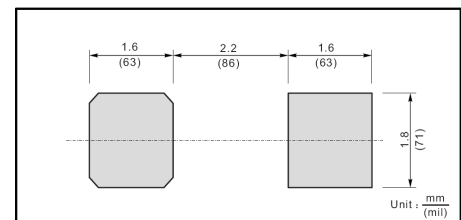


• Ů - æ / Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode

The recommended mounting pad size



, M V / Marking

• - ~ a ¢ ož See Marking Instructions.

@ f Parameter	... Z Symbol	f > Rating	% y Unit
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	1000	V
Maximum RMS voltage	V_{RMS}	700	V
Maximum DC Blocking Voltage	V_{DC}	1000	V
Maximum Average Forward Rectified Current at $T_c = 100$	I_{FAVA}	3.0	A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	I_{FSM}	80	A
Typical Junction Capacitance at ^{1A}	C_j	60	pF
Typical Thermal Resistance ^{2A}	R_{JA}	50	/W
Operating and Storage Temperature Range	T_j, T_{stg}	-55~+150	

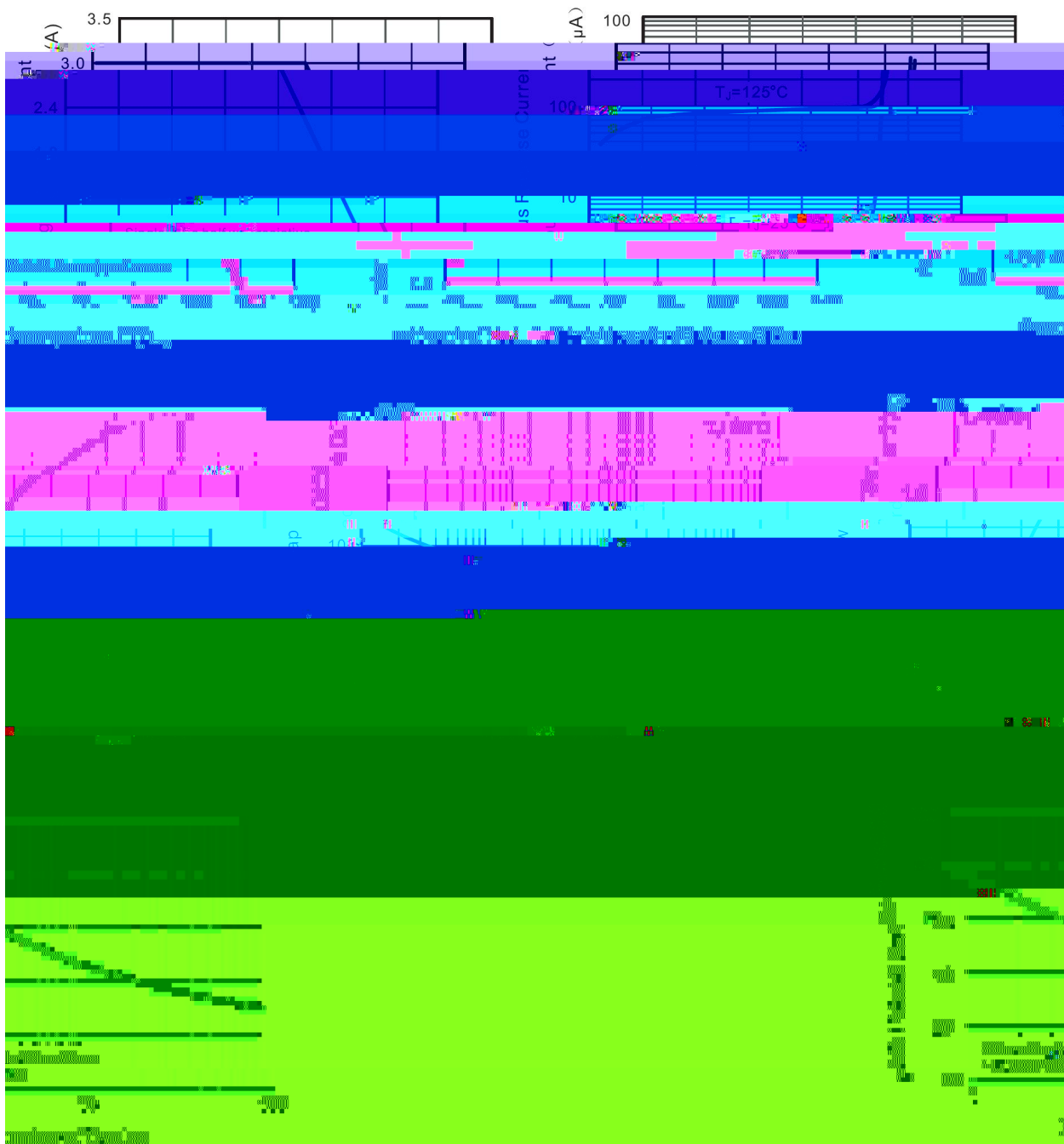
Note:

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

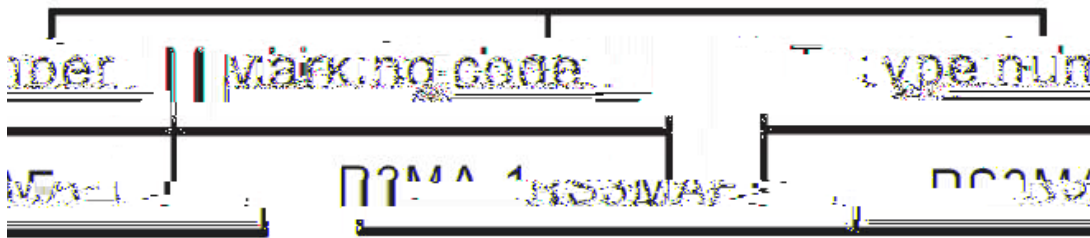
2) P.C.B. mounted with 1.0 X 1.0" (2.54 X 2.54 cm) copper pad areas.

@ f Parameter	... Z Symbol	y i Ū ^ Test Conditions	D Rating	% y Unit
Maximum Instantaneous Forward Voltage	V_F	$I_F=3.0A$	1.3	V
Maximum DC Reverse Current at Rated DC Blocking Voltage	I_R	$T_a=25$		

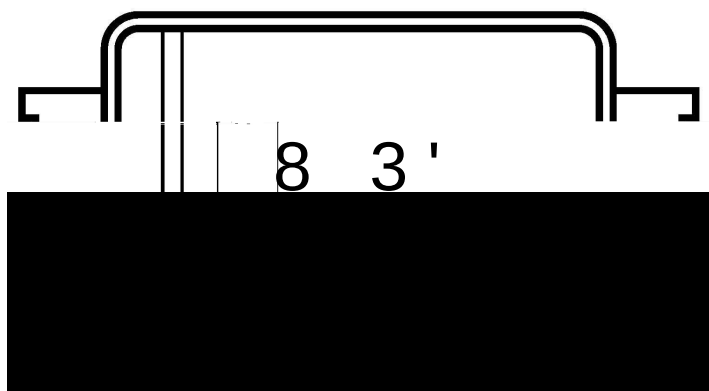
Electrical Characteristic Curve



Marking Instructions



, My f / Marking Instructions



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8 3' y ° Z W A

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Note:

8 3' y Product Type Code

**** y Lot No. Code k The 1st means:YM Code k The last 3 means:little

Lot No Code

