

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.

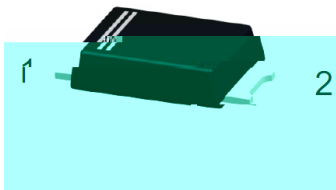
Đ ÷ / Applications

%² " (General purpose.

Ã W] Ô . / Equivalent Circuit

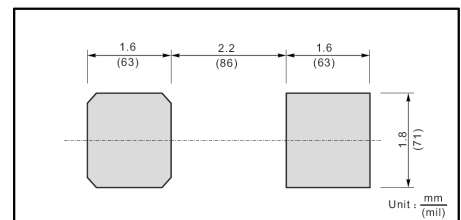


• Ű - æ / Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode

The recommended mounting pad size



, M V / Marking

• - ~ a ø 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 Tc = 100	I _{F AAV A}	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	

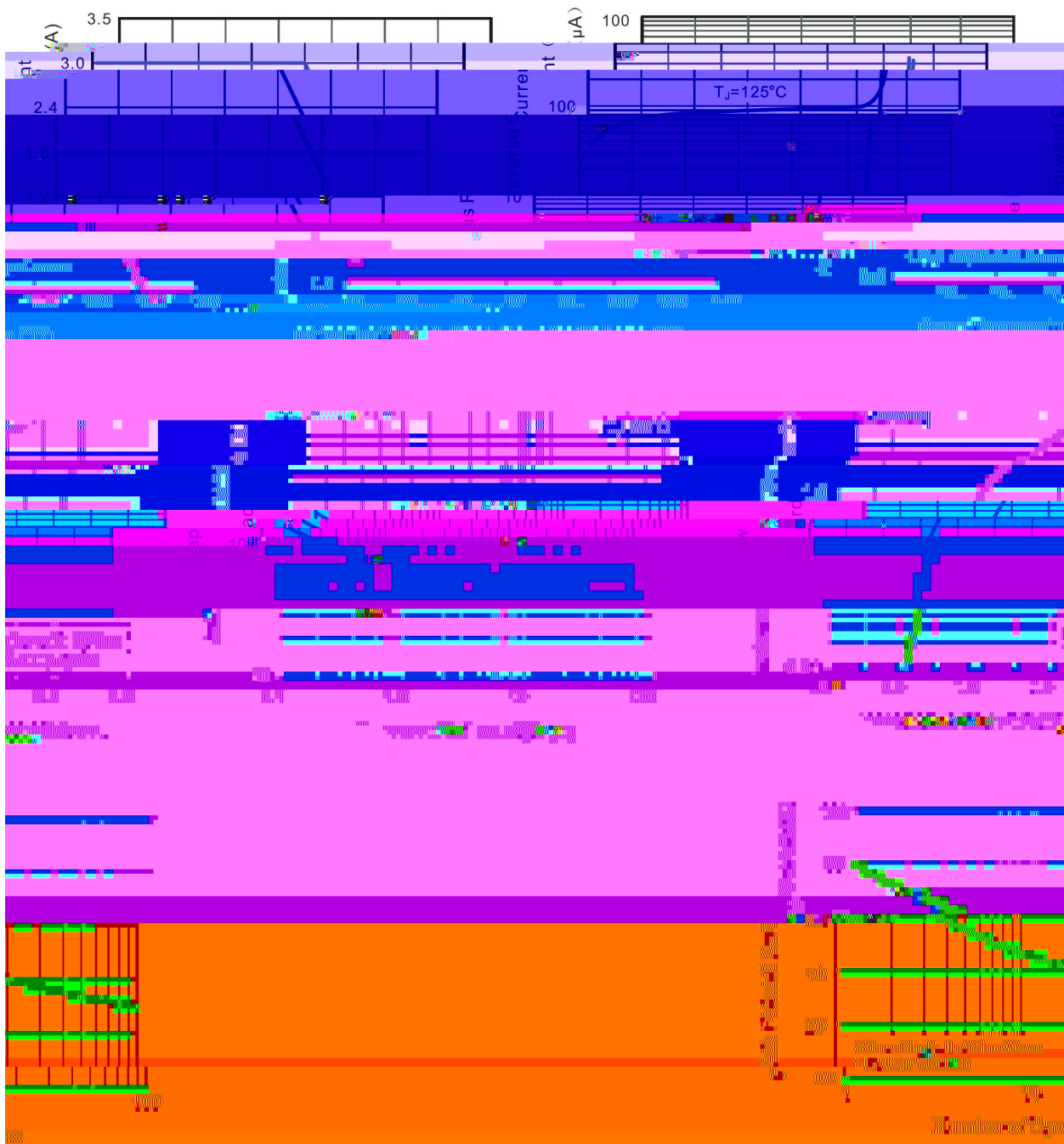
Note:

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

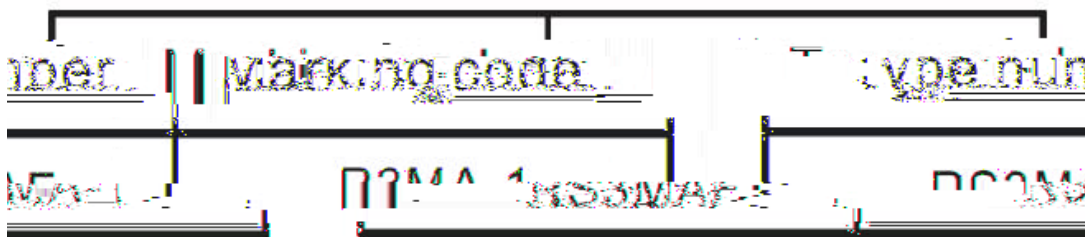
2) P.C.B. mounted with 1.0 X 1.0" (2.54 X 2.54 cm) copper pad areas.

@ f Parameter	... Z Symbol	y j Ú ^ 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	139530.57 T8.2()]T-.0023 Tc [s F 700=3A 70	

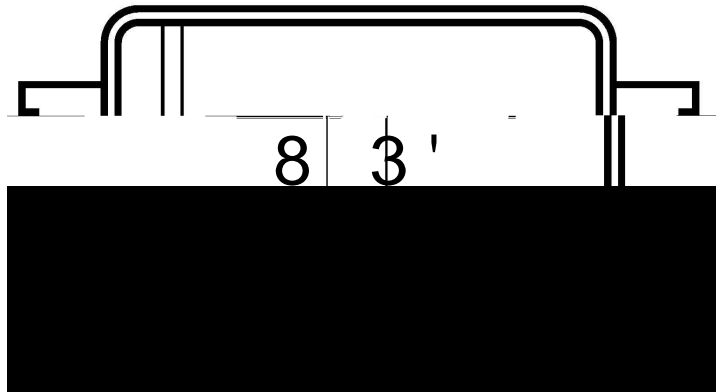
Ô ? d • Ž ç / Electrical Characteristic Curve



, My f / Marking Instructions



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ϕ ã 4 Z W A

Note:

8 3' y

Product Type Code

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

Lot No Code

