

**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.

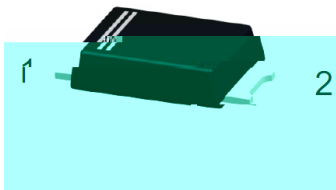
**Đ ÷ / Applications**

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General purpose.

**Ã W ] Ô . / Equivalent Circuit**

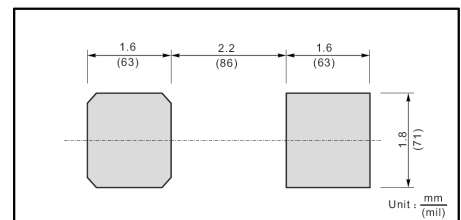


**• Ū - æ / Pinning**



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 <sub>RRM</sub>	1000	V
Maximum RMS voltage	V <sub>RMS</sub>	700	V
Maximum DC Blocking Voltage	V <sub>DC</sub>	1000	V
Maximum Average Forward Rectified Current at Tc = 100	I <sub>F AAV A</sub>	3.0	A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	I <sub>FSM</sub>	80	A
Typical Junction Capacitance at <sup>1A</sup>	C <sub>j</sub>	60	pF
Typical Thermal Resistance <sup>2A</sup>	R <sub>JA</sub>	50	/W
Operating and Storage Temperature Range	T <sub>j</sub> , T <sub>stg</sub>	-55~+150	

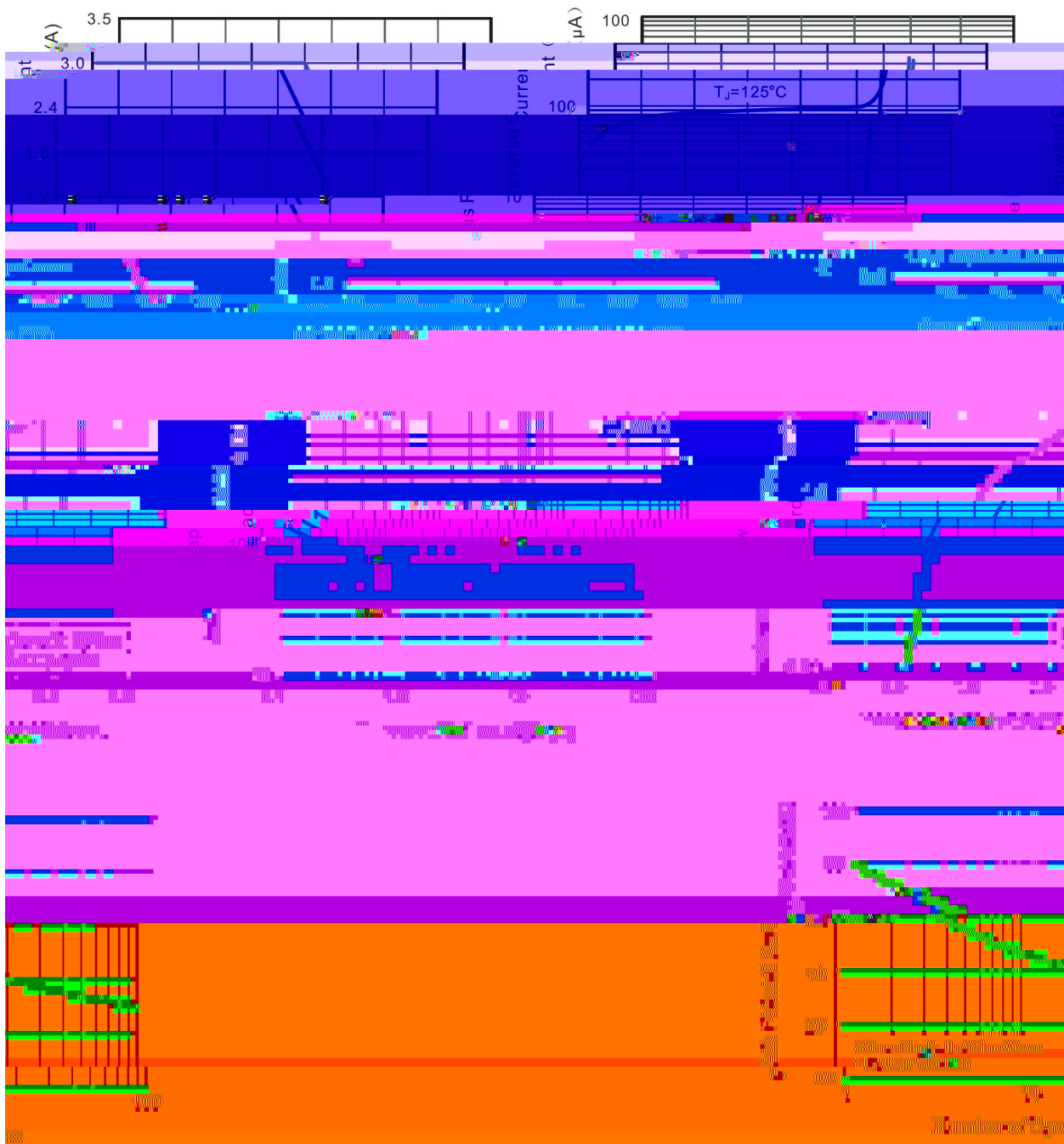
Note:

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.

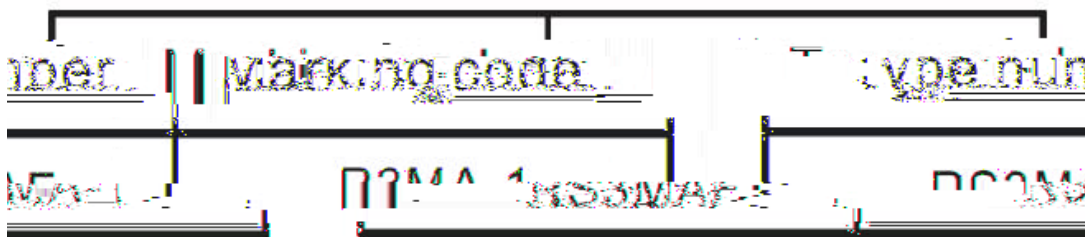
@ f Parameter	... Z Symbol	y j Ú ^ Test Conditions	D Rating	% y Unit
Maximum Instantaneous Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =3.0A	1.3	V
Maximum DC Reverse Current at Rated DC Blocking Voltage	I <sub>R</sub>	T <sub>a</sub> =25	139530.57 T8.2( ) ]T-.0023 Tc [s F 700=3A 70	

Electrical Characteristic Curve

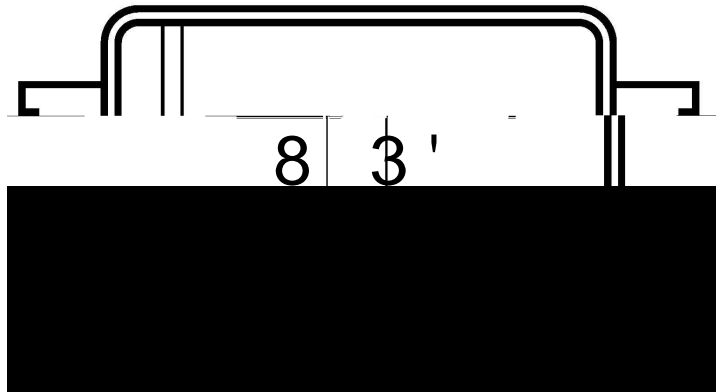




, My f / Marking Instructions



, 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

