

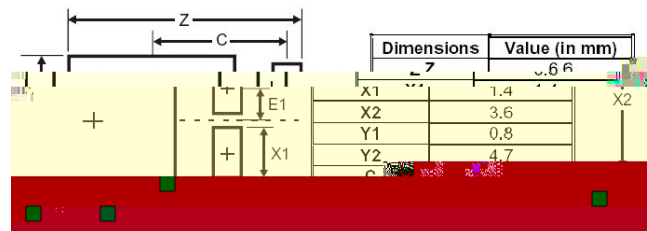
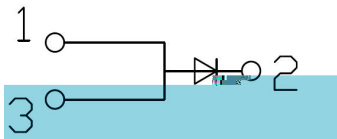
TO-277

TO-277 Plastic package Schottky diode.

$$V_F(\text{typ})=0.21\text{V}$$

High Forward Surge Capability, Ultra Low Forward Voltage Drop $V_F(\text{typ})=0.21\text{V}$, Excellent High Temperature Stability. HF Product.

For use in low voltage, high frequency inverters, free wheeling, and polarity protection applications.

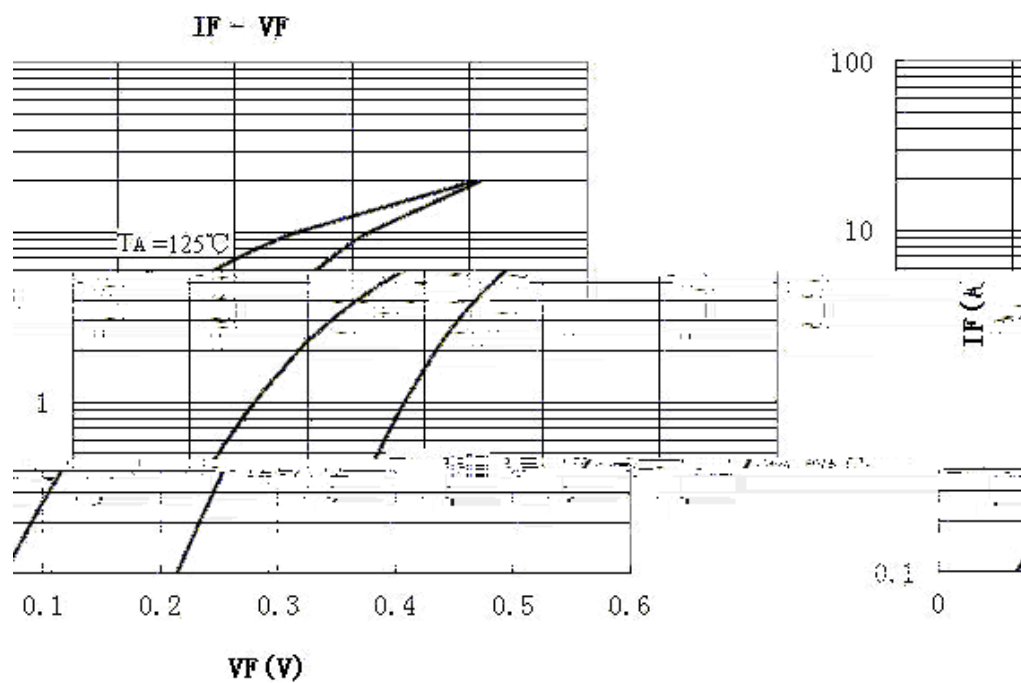
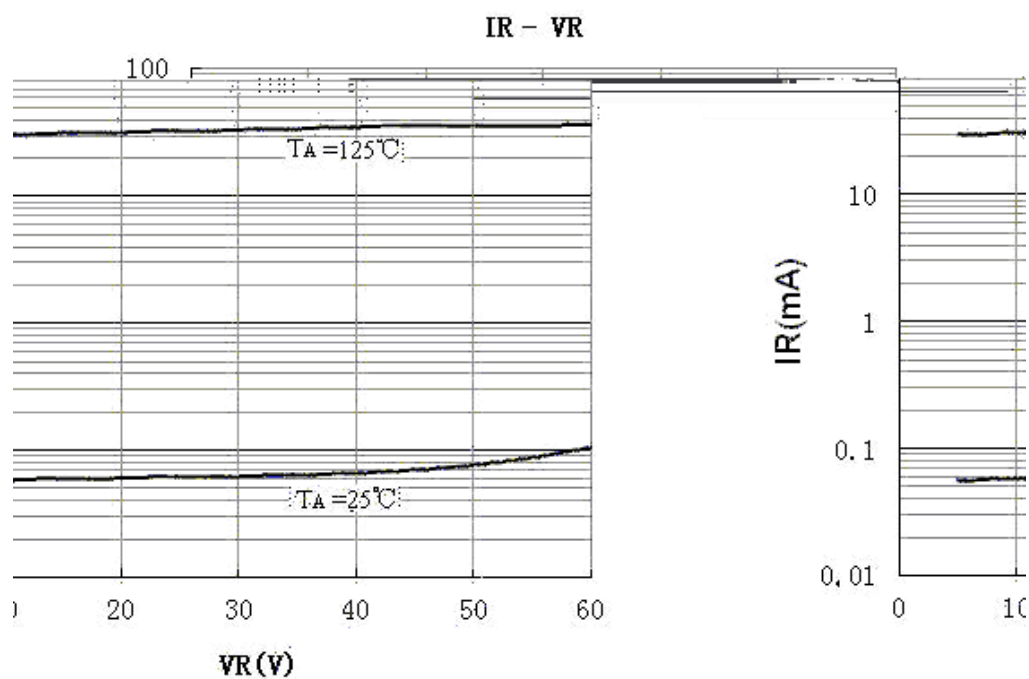


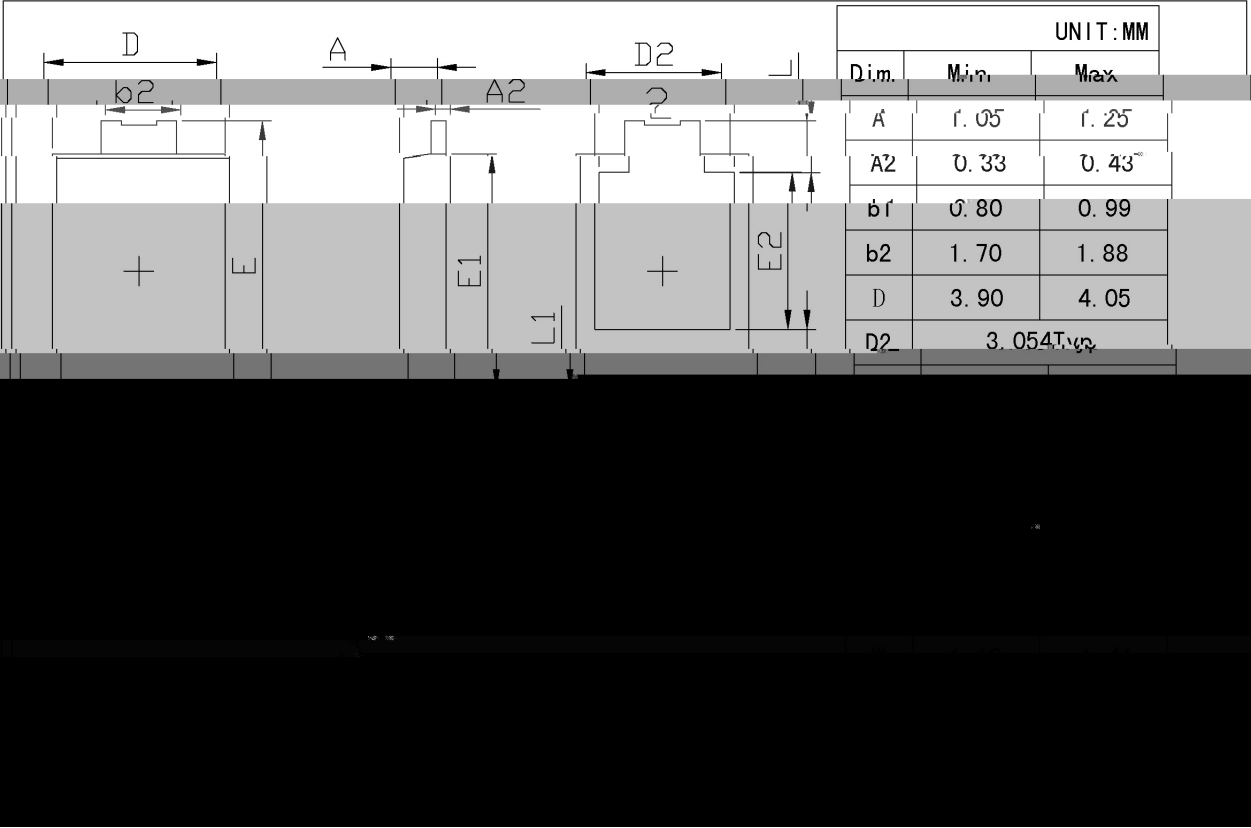
PIN1 Anode PIN 2 Cathode PIN 3 Anode

Suggested Pad layout

See Marking Instructions.

Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage Peak Reverse Voltage	V_{RRM} V_{RWM} V_{RM}	60	V
RMS Reverse voltage	$V_{R(RMS)}$	42	V
Average Rectified Output Current	I_O	20	A
Non-Repetitive Peak Forward Surge Current	I_{FSM}	280	A
Repetitive peak avalanche power	P_{ARM}	30000	W
Junction Temperature Range	$T_{j\ MAX}$	150	
Storage Temperature Range	T_{stg}	-55~150	
Typical Thermal Resistance	$R_{\theta JA}$ (Note 1)	73	/W







Note:

Product Type.

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Lot No. Code, code change with Lot No.

