

Rev.G Oct.-2018

TO-277

TO-277 Plastic package Schottky diode .

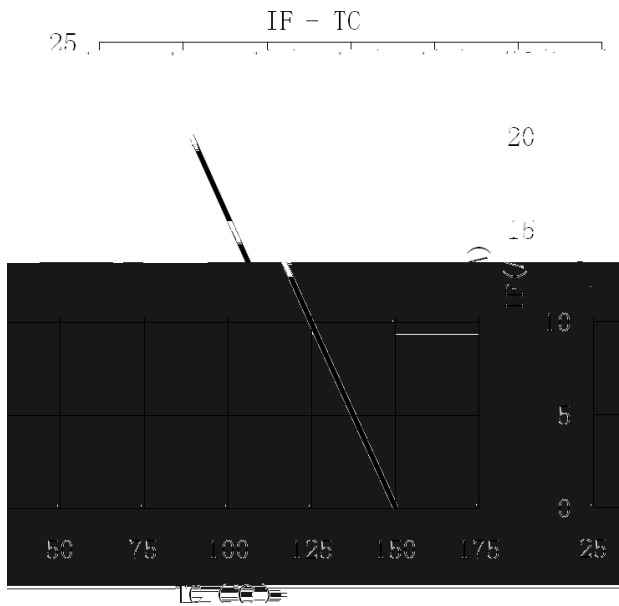
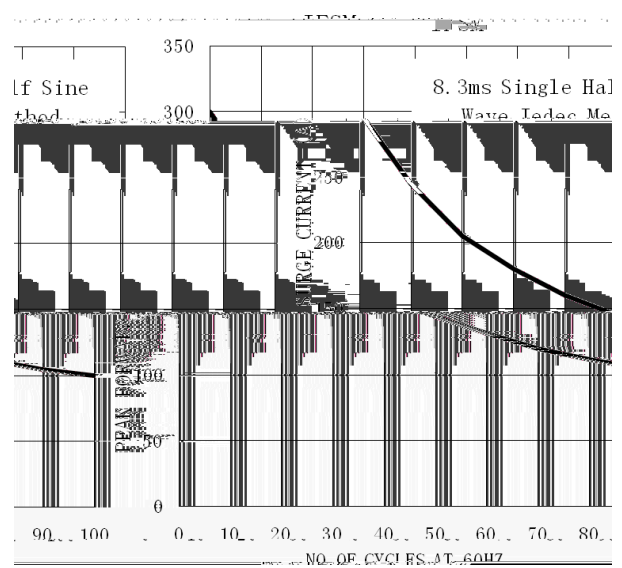
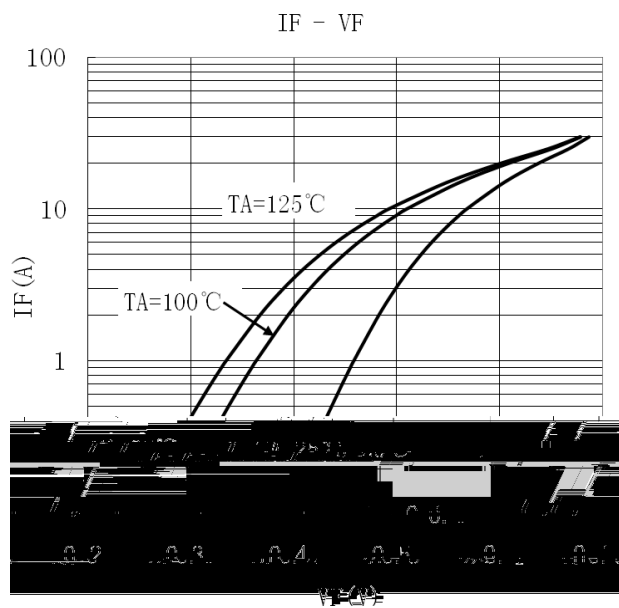
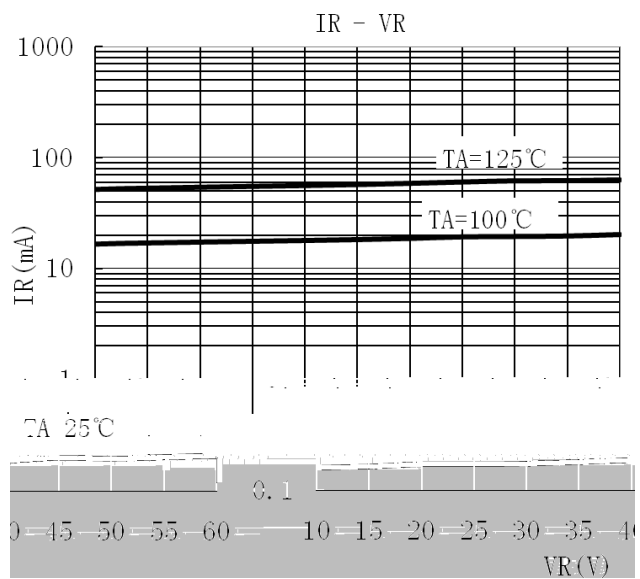
$$V_F(\text{typ})=0.16\text{V}$$

High Forward Surge Capability, Ultra Low Forward Voltage Drop $V_F(\text{typ})=0.16\text{V}$, Excellent High Temperature Stability. HF Product.

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

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}	300	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_{JA} Note 1	73	/W

Parameter Symbol Symbol





20T60

Note:

20T60

Product Type.

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Lot No. Code, code change with Lot No.

