MUR2560P



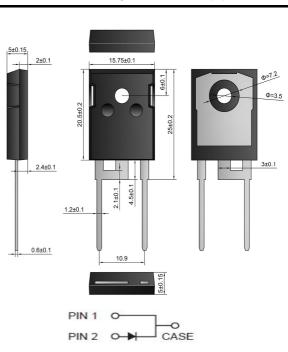
GLASS PASSIVATED SUPER FAST RECTIFIER Reverse Voltage -600 Volts Forward Current - 25.0Amperes

FEATURES

- Fred Chip Planar Construction
- UltraFast Switching, High Efficiency
- Low Power loss, High Efficiency
- Low Reverse Leakage Current
- High Surge Current Capability
- Plastic Material has UL Flammability Classification 94V-O

MECHANICAL DATA

- Case:JEDEC TO-247AC,Molded Plast
- Terminals:Pure tin Plated ,Lead free Solderable per MIL-STD-750, Method 2026
- Polarity: As marked
- Weight: 5.6 grams(approx)
- Mounting Position:Any



Maximum Ratings and Electrical Characteristics $@T_A=25^{\circ}C$ unless otherwise specified

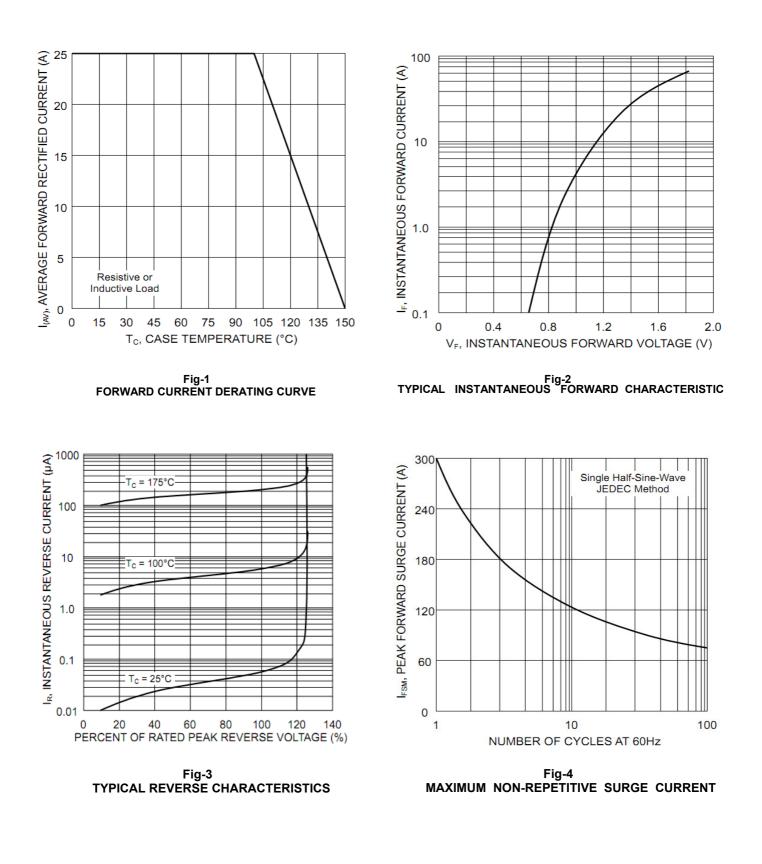
Single Phase, half wave, 60H_z, resistive or inductive load. For capacitive load, derate current by 20%.

Characteristic	Symbol	MUR2560P		Unit
Maximum Recurrent Peak Reverse Voltage	Vrrm	600		V
Maximum RMS Voltage	Vrms	420		V
Maximum DC Blocking Voltage	VDC	600		V
Maximum Average Forward (See Figure 1)	IF(AV)	25		А
Peak Forward Surge Current : 8.3ms single half si ne-wave superimposed on rated load(JEDEC method)	Ігѕм	300		А
Maximum Forward Voltage at 25A	VF	Тур.	Max.	V
		1.3	1.5	v
Maximum Reverse Recovery Time	Trr	Тур.	Max.	nS
(Measured With IF=0.5A, IR=1.0A,IRR=0.25A)		35	50	110
Maximum DC Reverse Current atTA =25°CRated DC Blocking VoltagTA =125°C	lĸ	5 50		uA
Typical Thermal Resistance Junction to case	Rejc	1.5		°C/W
Typical Thermal Resistance Junction to Ambient	Røja	45		°C/W
Operating Junction and Storage Temperature Range	Tj,Tstg	-55 to +150		°C

TO-247AC unit:mm

MUR2560P

RATING AND CHARACTERISTIC CUEVES



JINAN JINGHENG ELECTRONICS CO., LTD.