

Ultra-Fast Recovery Diodes 16A FRED



Features

- Adopt FRED chip
- Low forward Voltage drop
- Fast reverse recovery time
- High frequency operation
- High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance
- Guard ring for enhanced ruggedness and long term reliability

Typical Applications

Typical applications are in switching power supplies, converters, freewheeling diodes, and reverse battery protection.

Mechanical Data

Package: ITO-220AC

Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant

Terminal: 1.5mm

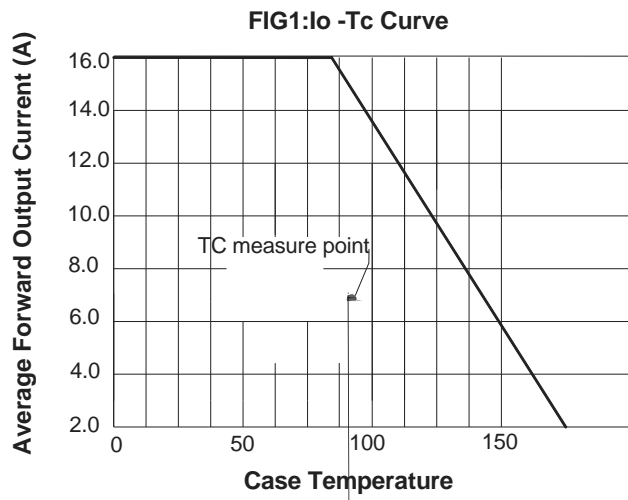
			MUR1660F
Device marking code			MUR1660F
Repetitive Peak Reverse Voltage	V_{RRM}	V	600
Average Rectified Output Current @60Hz sine wave, R-load, Tc(FIG.1)	I_o	A	16 A

		t_s	93
Storage Temperature	T_{stg}		-55 ~ +175
Junction Temperature	T_j		-55 ~ +175
Typical Junction capacitance @4V,1MHz	C_j	pF	98
Mounting torque @recommend torque 5kg cm	Tor	kg cm	8

MUR1660F



Characteristics (Typical)





Outline Dimensions

ITO-220AC



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