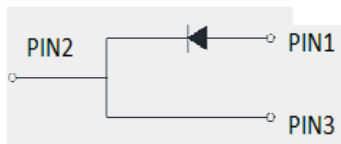
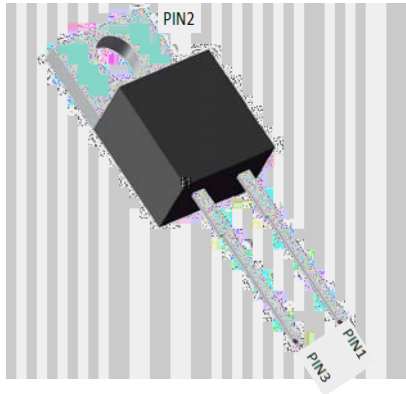


Ultra-Fast Recovery Diodes 20A FRED



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: TO-220AC

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

Terminals: Tin plated leads, solderable per J-STD-002 and JESD22-B102

Polarity: As marked

Device marking code			MUR2060
Repetitive Peak Reverse Voltage	V_{RRM}	V	600
Average Rectified Output Current @60Hz sine wave, R-load, Tc(FIG.1)	I_O	A	20
Surge(Non-repetitive)Forward Current @60Hz half sine-wave, 1 cycle, Tj=25	I_{FSM}	A	150
Current Squared Time @1ms t 8.3ms Tj=25	I^2t	A ² s	93.37
Storage Temperature	T_{stg}		-55 ~ +175
Junction Temperature	T_j		-55 ~ +175
Typical Junction capacitance @4V,1MHz	C_j	pF	80

MUR2060



Outline Dimensions





MUR2060

Disclaimer

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