

600V SUPER FAST RECOVERY RECTIFIERS



Features

- Low forward voltage
- Low leakage current
- Reduced power losses and increased efficiency
- Low profile TO-263AC package
- 1.7mm typical height
- D2PAK footprint compatibility for maximum versatility
- 600V working voltage
- Forward currents of 16A and 30A per device
- Single or dual common cathode configuration options



Benefits

Minimize power losses and boost efficiency for a range of applications with low forward voltage and low leakage current.

A low-profile TO-263AC package with a height of only 1.7mm enables high-density board designs in small spaces without sacrificing performance.

Applications



Motor Control Systems



Switch Mode Power Supplies



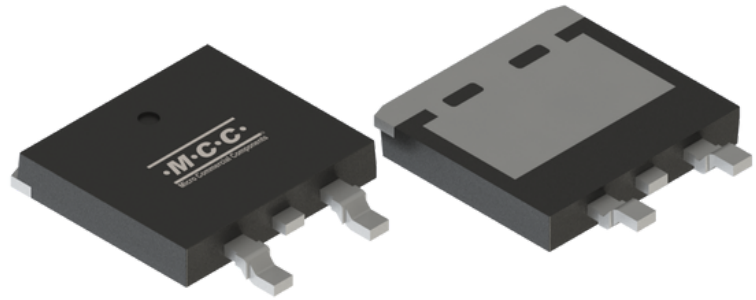
Power Systems for Telecom

Engineered with Precision: MCC's 600V Super Fast Recovery Rectifiers



Compact, Low-Profile Design Meets Powerful Performance

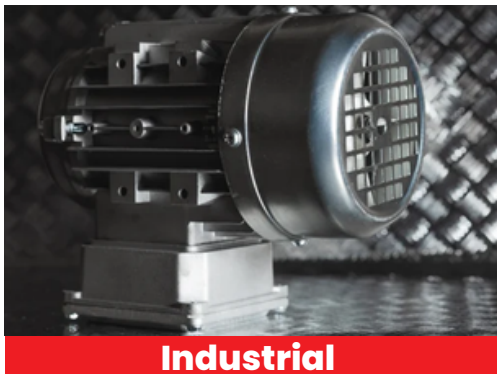
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Parametrics & Datasheets:

| Product | TYPE | Package | Working Peak Reverse Voltage (VRWM) | Forward Current (IF) | Number of Functions | Datasheet |
|------------------------------------|-------------------------------|----------|-------------------------------------|----------------------|---------------------|-----------------------------|
| MURBF1660C | Super fast recovery rectifier | TO-263AC | 600V | 16A | Single | Info |
| MURBF1660CT | Super fast recovery rectifier | TO-263AC | 600V | 16A | Dual | Info |
| MURBF3060CT | Super fast recovery rectifier | TO-263AC | 600V | 30A | Dual | Info |

Applications:



- Motor control systems
- Power supplies for industrial equipment
- Heavy-duty rectification stations

- Switch-mode power supplies (SMPS) for home appliances
- Power management in high-end audio/visual equipment

- Power rectifiers in telecommunication racks
- DC power systems for telecom infrastructure

CONTACT MCC TO REQUEST A SAMPLE