

# MBR20200CT

## Switch-mode Power Rectifier

### Dual Schottky Rectifier

#### Features and Benefits

- Low Forward Voltage
- Low Power Loss/High Efficiency
- High Surge Capacity
- 175°C Operating Junction Temperature
- 20 A Total (10 A Per Diode Leg)
- This is a Pb-Free Device\*

#### Applications

- Power Supply – Output Rectification
- Power Management
- Instrumentation

#### Mechanical Characteristics

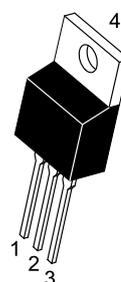
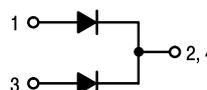
- Case: Epoxy, Molded
- Epoxy Meets UL 94, V-0 @ 0.125 in
- Weight: 1.9 Grams (Approximately)
- Finish: All External Surfaces Corrosion Resistant and Terminal Leads are Readily Solderable
- Lead Temperatures for Soldering Purposes: 260°C Max. for 10 Seconds
- ESD Rating: Human Body Model 3B  
Machine Model C



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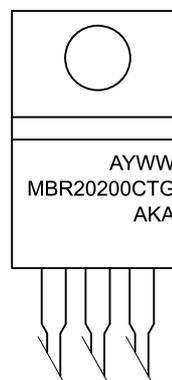
<http://onsemi.com>

### SCHOTTKY BARRIER RECTIFIER 20 AMPERES, 200 VOLTS



TO-220  
CASE 221A  
PLASTIC  
STYLE 6

#### MARKING DIAGRAM



A = Assembly Location  
Y = Year  
WW = Work Week  
G = Pb-Free Package  
AKA = Diode Polarity

#### ORDERING INFORMATION

Device	Package	Shipping
MBR20200CTG	TO-220 (Pb-Free)	50 Units / Rail

\*For additional information on our Pb-Free strategy and soldering details, please download the ON Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.