

MBR10200CFSH

SCHOTTKY BARRIER RECTIFIER

Reverse Voltage - 200 Volts

Forward Current - 10 Amperes

FEATURES

- * Halogen-free type
- * Compliance to RoHS produc
- * Low power loss & high efficiency
- * High surge capability
- * 10 Amperes total (5 Amperes per diode leg)
- * High surge current capability
- * Epitaxial construction
- * Plastic Material-UL Recognition Flammability Classification 94V-0

MECHANICAL DATA

Case : JEDEC ITO-220AB molded plastic body
Terminals : Plated Leads, solderable per MIL-STD-750, Method 2026
Polarity : Molded on body
Mounting Position : Any

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

| <i>Ratings at 25 °C ambient temperature unless otherwise specified.</i> | SYMBOLS | <i>MBR10200CFSH</i> | UNITS |
|---|---------|---------------------|-------|
| Maximum repetitive peak reverse voltage | VRRM | 200 | Volts |
| Maximum RMS voltage | VRMS | 140 | |
| Maximum DC blocking voltage | VDC | 200 | |
| Peak repetitive forward current (rated VR, square wave, 20KHz) | IFM | 10 | |
| Maximum instantaneous forward voltage @ IF= 5 A | VF | 0.90 0.75 | |
| Maximum DC reverse current at rated DC blocking voltage | IR | 0.005 2.0 | |
| Typical junction capacitance (Note) | CJ | 100 | pF |
| Typical thermal resistance | R | | |
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