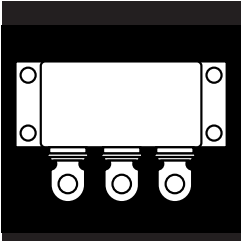


OM100Q05CB/RB/DB OM100Q15CB/RB/DB OM100Q30CB/RB/DB OM100Q50CB/RB/DB OM100Q70CB/RB/DB
 OM100Q10CB/RB/DB OM100Q20CB/RB/DB OM100Q40CB/RB/DB OM100Q60CB/RB/DB OM100Q80CB/RB/DB

100 AMP ULTRA FAST CENTER-TAP IN HERMETIC ISOLATED POWER BLOCK PACKAGE



100 Amp, 50 To 800 Volt High Power Rectifier Module

FEATURES

- Rugged Package Design
- Very Low Forward Voltage
- Very Fast Switching Time
- High Current
- Center-Tap Configuration
- Low Thermal Resistance
- Common Cathode Standard
- Ceramic Feedthroughs Available
- Available Screened To MIL-S-19500, TX, TXV And S Levels

DESCRIPTION

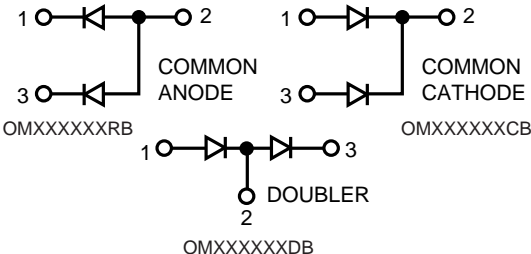
This series of products in a hermetic package is specifically designed for use at power switching frequencies in excess of 100 kHz. The series combines the latest silicon technology and a package specifically designed for high efficiency/high current applications. These devices are ideally suited for applications where small size and a hermetically sealed package are required.

ABSOLUTE MAXIMUM RATINGS (Per Diode) @ 25°C

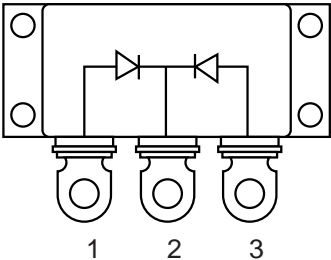
Peak Inverse Voltage	50 to 800 V
Maximum Average D.C. Output Current @ $T_C = 100^\circ C$	50 A
Surge Current (Non-Repetitive 8.3 ms)	700 A
Thermal Resistance, Junction-to-Case	1.0°C/W
Operating and Storage Temperature Range	- 55° C to + 150°C

3.2

SCHEMATIC



PIN CONNECTION



Common cathode is standard. Contact factory for performance characteristics for common anode and doubler.

