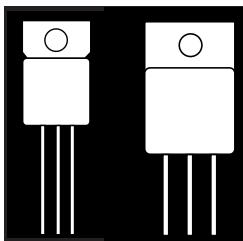


OM1N100SA OM5N100SA OM1N100ST  
OM3N100SA OM6N100SA OM3N100ST

## POWER MOSFET IN HERMETIC ISOLATED JEDEC PACKAGE



1000V, Up To 6 Amp, N-Channel MOSFET In Hermetic Metal Package

### FEATURES

- Isolated Hermetic Metal Package
- Fast Switching
- Low  $R_{DS(on)}$
- Available Screened To MIL-19500, TX, TXV And S
- Ceramic Feedthroughs Also Available

### DESCRIPTION

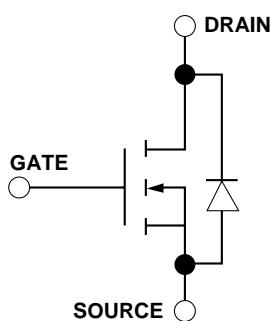
This series of hermetically packaged products feature the latest advanced MOSFET and packaging technology. They are ideally suited for Military requirements where small size, high performance and high reliability are required, and in applications such as switching power supplies, motor controls, inverters, choppers, audio amplifiers and high energy pulse circuits.

### MAXIMUM RATINGS

| PART NUMBER | $R_{DS(on)}$ | $I_D$ |
|-------------|--------------|-------|
| OM1N100SA   | 8.0          | 1.0A  |
| OM3N100SA   | 5.2          | 3.5A  |
| OM5N100SA   | 3.0          | 5.0A  |
| OM6N100SA   | 2.0          | 6.0A  |
| OM3N100ST   | 5.4          | 3.5A  |
| OM1N100ST   | 8.2          | 1.0A  |

3.1

### SCHEMATIC



### PIN CONNECTION

