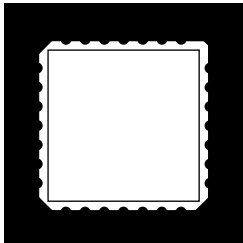


# POWER MOSFETS IN HERMETIC ISOLATED SURFACE MOUNT PACKAGE



**100 V Thru 500V, Up To 22 Amp, N-Channel MOSFET In Hermetic Surface Mount Package**

## FEATURES

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

## DESCRIPTION

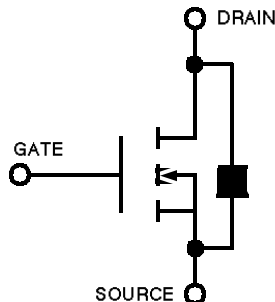
This series of hermetically packaged surface mount products feature the latest advanced MOSFET and packaging technology. They are ideally suited for Military requirements where small size, high performance and high reliability are required, and in applications such as switching power supplies, motor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

## MAXIMUM RATINGS @ 25°C

PART NUMBER	$V_{DS}$	$R_{DS(ON)}$	$I_{D(MAX)}$
OM6009SM	100V	.095	22A
OM6010SM	200V	.18	18A
OM6011SM	400V	.60	10A
OM6012SM	500V	.85	8A

3.1

## SCHEMATIC



For additional test conditions and limits, see Sect. 3.5 pg. 3.5 - 77.