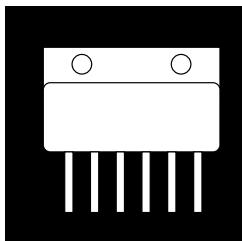


OM6227SS OM6230SS OM6232SS  
OM6228SS OM6231SS OM6233SS

## DUAL HIGH CURRENT POWER MOSFETS IN HERMETIC ISOLATED SIP PACKAGE



400V, 500V, 1000V, Up To 24 Amp N-Channel,  
Dual Size 6 High Energy MOSFETs

### FEATURES

- Dual Uncommitted MOSFETs
- Isolated Hermetic Metal Package
- Size 6 Die, High Energy, High Voltage
- Fast Switching, Low Drive Current
- Ease of Parallelizing For Added Power
- Low  $R_{DS(on)}$
- Available Screened to MIL-S-19500, TX, TXV And S Levels

### 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. This series also features avalanche high energy capability at elevated temperatures.

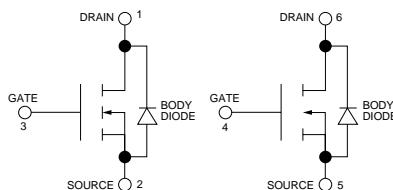
### MAXIMUM RATINGS

PART NUMBER	$V_{DS}$	$R_{DS(on)}$	$I_D$ (Amp)	*Package
OM6227SS	400	.20	24	S-6D
OM6228SS	500	.27	22	S-6D
OM6230SS	1000	1.30	10	S-6D
OM6231SS	400	.20	24	S-6E
OM6232SS	500	.27	22	S-6E
OM6233SS	1000	1.30	10	S-6E

3.1

\* See Mechanical Drawing

### SCHEMATIC

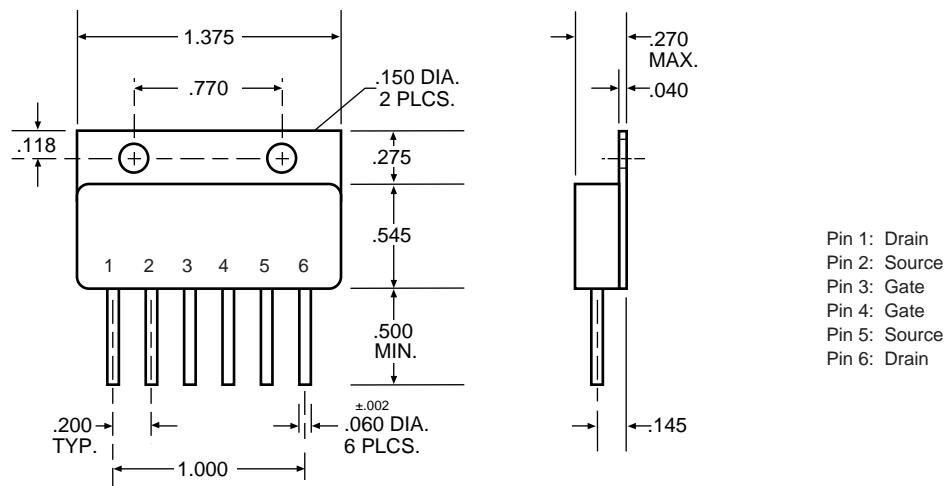






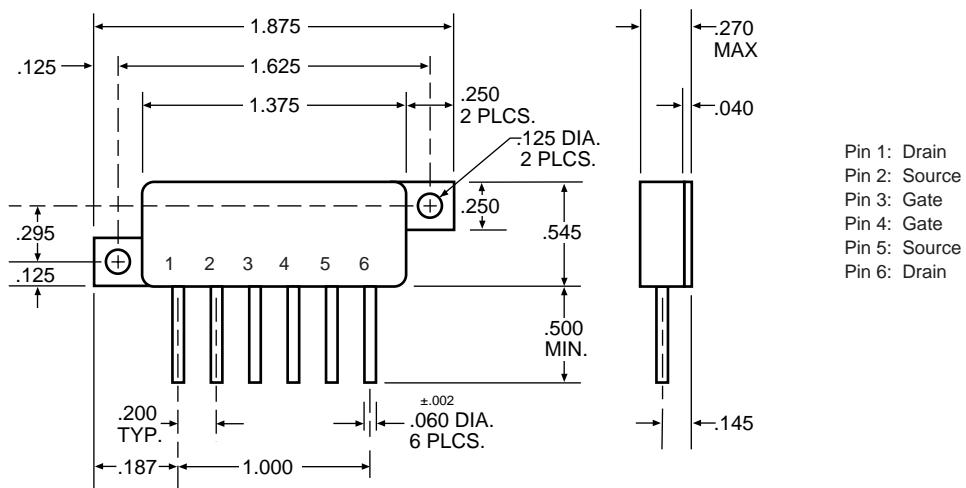
## OM6227SS - OM6233SS

### MECHANICAL OUTLINE PACKAGE S-6D



Pin 1: Drain  
Pin 2: Source  
Pin 3: Gate  
Pin 4: Gate  
Pin 5: Source  
Pin 6: Drain

### MECHANICAL OUTLINE PACKAGE S-6E



Pin 1: Drain  
Pin 2: Source  
Pin 3: Gate  
Pin 4: Gate  
Pin 5: Source  
Pin 6: Drain

3.1