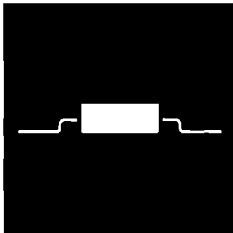


SURFACE MOUNT DUAL POSITIVE AND NEGATIVE FIXED VOLTAGE REGULATORS



Dual 5V, 12V and 15V, 1.5 Amp Fixed Voltage Regulators In Isolated Hermetic Surface Mount Package

FEATURES

- Positive And Negative Regulators In One Package
- Hermetic 6-Pin Metal Package, Surface Mount
- Isolated Case
- Output Voltages: $\pm 5V$, $\pm 12V$, And $\pm 15V$
- Output Voltages Set Internally To $\pm 2.0\%$
- Built-In Thermal Overload Protection
- Short Circuit Current Limiting
- Product Is Available Screened To MIL-S-19500, TX, TXV, S Levels

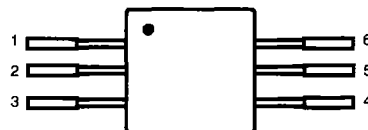
DESCRIPTION

This series of products offers a positive and a negative fixed voltage regulator in one hermetically sealed, 6-pin package whose outline is a surface mount type. With heat sinking, they can regulate over 1.5 Amp of output current per device. Standard voltages are + or - 5V, 12V, and 15V. Output voltages are internally trimmed to $\pm 2.0\%$ of nominal voltage. These devices are ideally suited for military applications where small size and high reliability is required.

To order, use the following Omnirel part numbers to determine the required output voltage of each regulator within one package.

Omnirel Part Number	Output Voltages	
	Positive	Negative
OM7501SM	+5V	-5V
OM7502SM	+5V	-12V
OM7503SM	+5V	-15V
OM7504SM	+12V	-5V
OM7505SM	+12V	-12V
OM7506SM	+12V	-15V
OM7507SM	+15V	-5V
OM7508SM	+15V	-12V
OM7509SM	+15V	-15V

PIN CONNECTION



Pin 1: +In Pin 4: -Out
Pin 2: Common Pin 5: Common
Pin 3: -In Pin 6: +Out

3.3

For additional test conditions and limits, see Sect. 3.5, pg. 3.5 - 89.