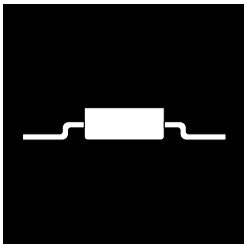
SURFACE MOUNT POSITIVE ADJUSTABLE 1.5 AMP VOLTAGE REGULATOR



Isolated Hermetic Surface Mount Package
1.5 Amp, High Voltage, Positive Adjustable Voltage Regulator

FEATURES

- Hermetic Isolated Surface Mount Package
- Adjustable Output Voltage
- Eliminates Stocking Fixed Voltages
- Built-In Thermal Overload Protection
- Short Circuit Current Limiting
- Product Is Available Hi-Rel Screened
- Electrically Similar To Industry Standard Type LM117HV

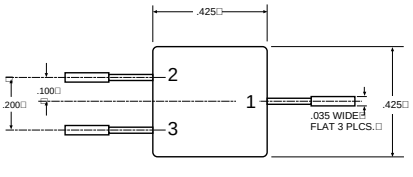
DESCRIPTION

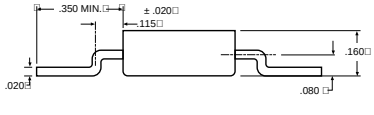
This three terminal positive regulator is supplied in a hermetically sealed metal surface mount package. All protective features are designed into the circuit, including thermal shutdown, current limiting and safe-area control. With heat sinking, they can deliver over 1.5 amp of output current. This unit features output voltages that can be trimmed using external resistors, from 1.2 volts to 57 volts.

ABSOLUTE MAXIMUM RATINGS @ 25°C

Input To Output Voltage Differential . . . . . 60 V
Operating Junction Temperature Range . . . . . - 55°C to + 150°C
Storage Temperature Range . . . . . - 55°C to + 150°C
Typical Power/Thermal Characteristics:
Rated Power:
T_C 17.5W
T_A 3W
Thermal Resistance:
θ_{JC} . . . . . 4.2°C/W
θ_{JA} . . . . . 42°C/W
Max. Lead Solder Temperature for 5 sec . . . . . 225°C

MECHANICAL OUTLINE





Pin Connections
Pin 1: V_{OUT}
Pin 2: Adjust
Pin 3: V_{IN}
Case: Isolated

3.5

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