

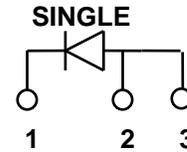
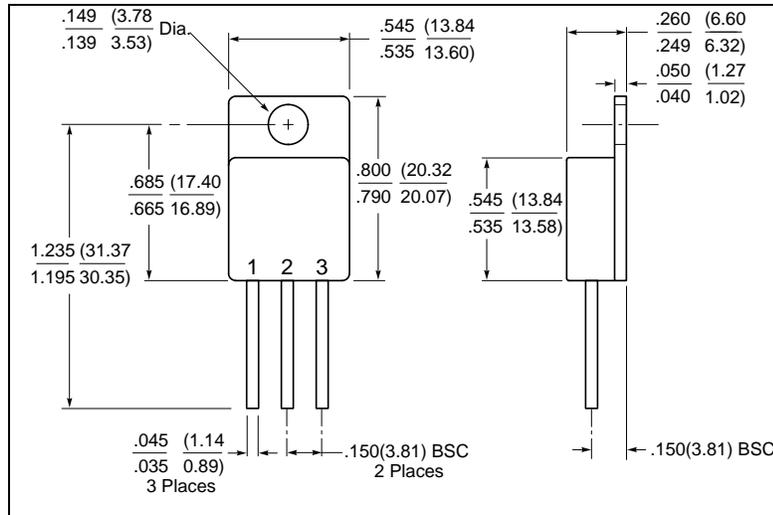
TECHNICAL DATA
DATASHEET 4740, REV. B**HERMETIC POWER SCHOTTKY RECTIFIER**
175°C Maximum Operation Temperature**DESCRIPTION:** A 60-VOLT, 35 AMP, POWER SCHOTTKY RECTIFIER IN A HERMETIC TO-254 PACKAGE.**MAXIMUM RATINGS**ALL RATINGS ARE @ $T_C = 25\text{ }^\circ\text{C}$ UNLESS OTHERWISE SPECIFIED.

RATING	SYMBOL	MAX.	UNITS
PEAK INVERSE VOLTAGE	PIV	60	Volts
MAXIMUM DC OUTPUT CURRENT (@ $T_C=100\text{ }^\circ\text{C}$) (Single)	I_O	35	Amps
MAXIMUM NONREPETITIVE FORWARD SURGE CURRENT ($t=8.3\text{ms}$, Sine)	I_{FSM}	1650	Amps
MAXIMUM JUNCTION CAPACITANCE ($V_r=5\text{V}$)	C_T	5000	pF
MAXIMUM THERMAL RESISTANCE (Single)	$R_{\theta JC}$	0.33	$^\circ\text{C/W}$
MAXIMUM OPERATING TEMPERATURE RANGE	Top/Tstg	-65 to +175	$^\circ\text{C}$
MAXIMUM STORAGE TEMPERATURE RANGE	Top/Tstg	-65 to +175	$^\circ\text{C}$

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	MAX.	UNITS
MAXIMUM FORWARD VOLTAGE DROP, Pulsed ($I_f = 35\text{ Amps}$) $T_J = 25\text{ }^\circ\text{C}$ $T_J = 125\text{ }^\circ\text{C}$	V_f	0.83 0.72	Volts
MAXIMUM REVERSE CURRENT (I_r @ 60 V PIV) $T_J = 25\text{ }^\circ\text{C}$ $T_J = 125\text{ }^\circ\text{C}$	I_r	3 180	mA

SENSITRON

TECHNICAL DATA
DATASHEET 4740, REV. B
Mechanical Dimensions: In inches / mm

TO-254
PINOUT TABLE

TYPE	PIN 1	PIN 2	PIN 3
SINGLE RECTIFIER	CATHODE	ANODE	ANODE

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