

TECHNICAL DATA
DATASHEET 672, REV. -**HERMETIC SCHOTTKY RECTIFIER****FEATURES:**

- Electrically Equivalent to 1N6660
- Hermetic Surface Mount
- With Stress Relief Leads

DESCRIPTION: 45 VOLT, 30 AMP, RECTIFIER IN A HERMETIC SHD-6C PACKAGE.**MAXIMUM RATINGS**ALL RATINGS ARE AT $T_A = 25^\circ\text{C}$ UNLESS OTHERWISE SPECIFIED.

RATING	SYMBOL	MAX.	UNITS
PEAK INVERSE VOLTAGE (PER LEG)	PIV	45	Volts
MAXIMUM DC OUTPUT CURRENT ($T_C = 100^\circ\text{C}$)	I_O	30	Amps
PEAK SINGLE CYCLE SURGE CURRENT $t_p = 8.3$ msec.	I_{FSM}	300	Amps
MAXIMUM THERMAL RESISTANCE (PER LEG)	$R_{\theta JC}$	0.6	$^\circ\text{C/W}$
MAXIMUM OPERATING TEMPERATURE RANGE	-	-65 to +150	$^\circ\text{C}$
JUNCTION CAPACITANCE $V_R = 10\text{Vdc}$, $f = 1\text{MHz}$ $V_{SIG} = 50\text{mV}$ (p-p) (Max)	C_J	2000	pF

ELECTRICAL CHARACTERISTICS

CHARACTERISTICS	SYMBOL	MAX.	UNITS
MAXIMUM FORWARD VOLTAGE DROP (PER LEG) ($I_f = 15$ Amps) $I_f = 15\text{A}$, $T_A = 25^\circ\text{C}$ $I_f = 15\text{A}$, $T_A = 125^\circ\text{C}$	V_f	0.75 0.65	Volts
MAXIMUM REVERSE CURRENT I_r @ PIV (PER LEG)	I_r	1.0 40	mA mA

SENSITRON

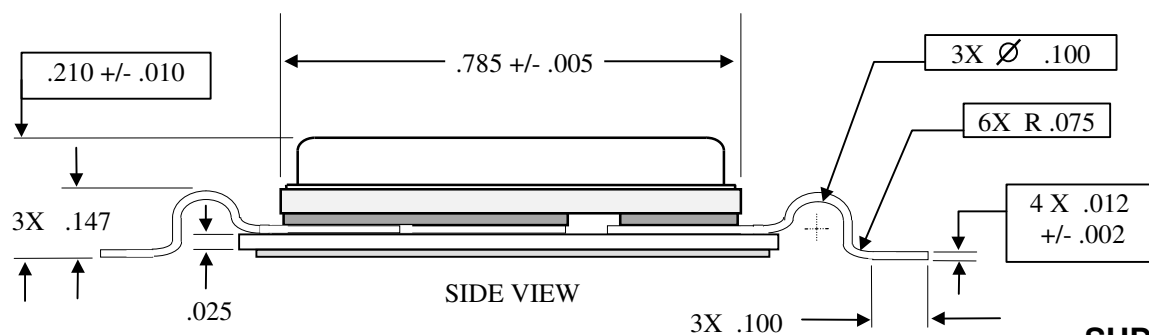
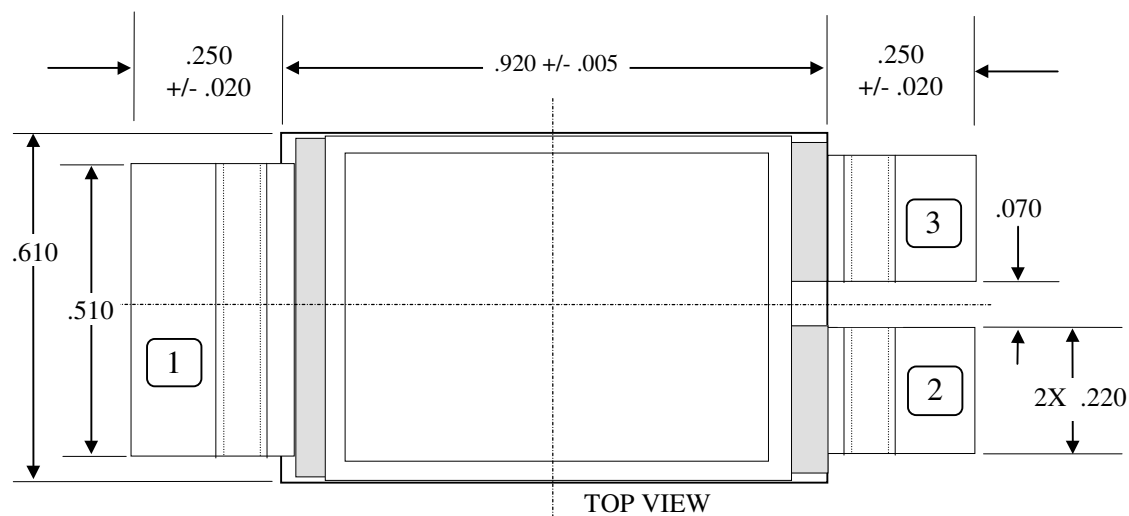
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DATASHEET 672, REV. -

MECHANICAL DIMENSIONS: In Inches / mm

PINOUT TABLE

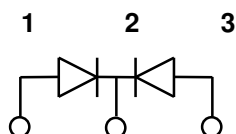
TYPE	PIN 1	PIN 2	PIN 3
DUAL RECTIFIER, COMMON CATHODE	COMMON CATHODE	ANODE 1	ANODE 2



SHD-6C

SCHEMATIC

COMMON CATHODE



TECHNICAL DATA

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