

SENSITRON

3 Phase Bridge, Three Phase Bridge

PART NUMBER:SL6320FRL

PACKAGE STYLE:405L

CONFIGURATION:3 Phase Bridge, Three Phase Bridge

DESCRIPTION:200 VOLT, 6 AMP, 180 NANOSECOND 3 Phase Bridge, Three Phase Bridge RECTIFIER ASSEMBLY

-All ratings are at $T_A = 25^\circ\text{C}$ unless otherwise specified

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MAXIMUM RATINGS / ELECTRICAL CHARACTERISTICS					
RATING	CONDITIONS	MIN	TYP	MAX	UNITS
PEAK INVERSE VOLTAGE (PIV)	-	-	-	200	Vdc
AVERAGE DC OUTPUT CURRENT (I_O)	$T_C = 55^\circ\text{C}$	-	-	6	Amps
	$T_C = 100^\circ\text{C}$	-	-	4.5	
PEAK SINGLE CYCLE SURGE CURRENT (I_{fsm})	$T_p = 8.3$ ms Single Half Cycle Sine Wave, Superimposed On Rated Load	-	-	25	Amps (pk)
OPERATING AND STORAGE TEMP. (T_{OP} & T_{stg})	-	-55	-	+150	$^\circ\text{C}$
MAXIMUM FORWARD VOLTAGE (V_F)	$I_F = 3.0\text{A}$ (300 msec pulse, duty cycle < 2%)	-	-	1.7 @ 3	Volts
MAXIMUM INSTANTANEOUS REVERSE CURRENT AT RATED (PIV)	$T_A = 25^\circ\text{C}$	-	-	5	mAmps
	$T_A = 100^\circ\text{C}$	-	-	100	
REVERSE RECOVERY TIME (t_{rr})	$I_F = 0.5\text{A}$, $I_R = 1.0\text{A}$, $I_{rr} = 0.25\text{A}$	-	-	180	nsec
THERMAL RESISTANCE	-	-	-	4.5	$^\circ\text{C/W}$

Data and specifications subject to change without notice.

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MECHANICAL DIMENSIONS: In Inches / mm

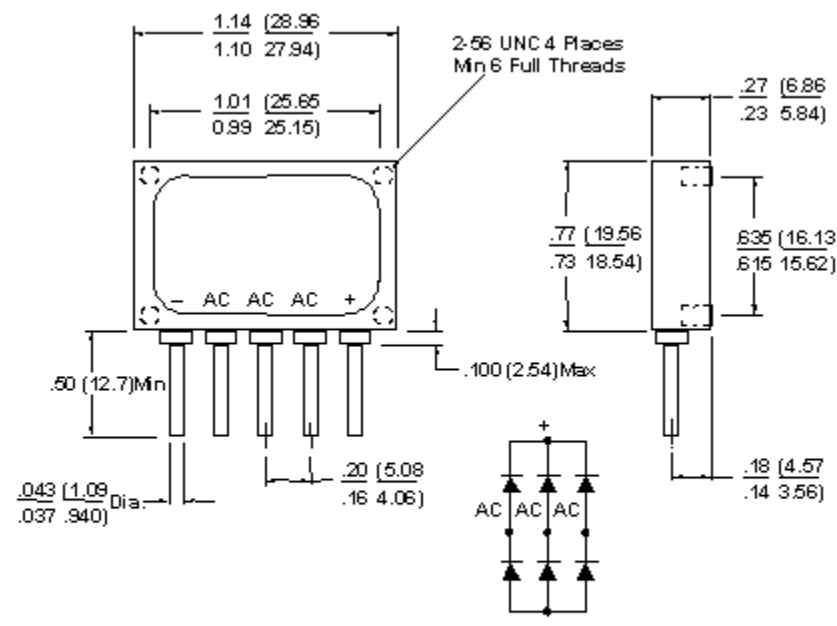


FIG. 405L

***This drawing is for reference only.**