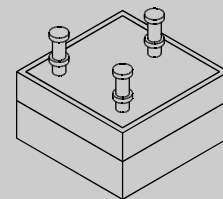


200 V - 1,000 V Doubler
10.0 A - 12.5 A Forward Current
70 ns - 3000 ns Recovery Time

LTI202D - LTI210D
LTI202FD - LTI210FD
LTI202UFD - LTI210UFD

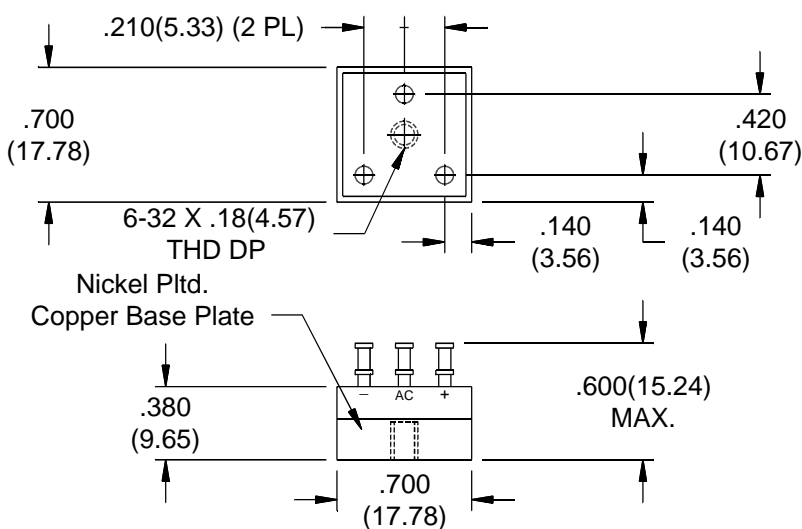


ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rw})	Average Rectified Current @TC (I _o)		Reverse Current @ V _{rw} (I _r)		Forward Voltage (V _f)		1 Cycle Surge Current t _p =8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (1) (T _{rr})	Thermal Impd. θ _{J-c}
		55°C	100°C	25°C	100°C	25°C		25°C	25°C	25°C	
	Volts	Amps	Amps	µA	µA	Volts	Amps	Amps	Amps	ns	°C/W
LTI202D LTI206D LTI210D	200 600 1000	12.5 12.5 12.5	9.0 9.0 9.0	2.0 2.0 2.0	50 50 50	1.3 1.3 1.3	6.0 6.0 6.0	80 80 80	20 20 20	3000 3000 3000	1.5 1.5 1.5
LTI202FD LTI206FD LTI210FD	200 600 1000	10.0 10.0 10.0	7.5 7.5 7.5	2.0 2.0 2.0	50 50 50	1.7 1.7 1.7	6.0 6.0 6.0	80 80 80	20 20 20	150 150 150	1.5 1.5 1.5
LTI202UFD LTI206UFD LTI210UFD	200 600 1000	10.0 10.0 10.0	7.5 7.5 7.5	2.0 2.0 2.0	50 50 50	1.7 1.7 1.7	6.0 6.0 6.0	80 80 80	20 20 20	70 70 70	1.5 1.5 1.5

(1)T_{rr} Testing: I_f=0.5A, I_r=1.0A, I_{rr}=0.25A *Op. Temp. & Stg. Temp. = -55°C to +150°C Isolation Voltage: 2000V

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Dimensions: In. (mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.



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