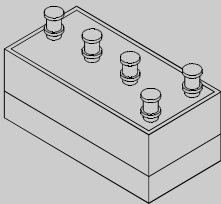


200 V - 1,000 V Three Phase Bridge
30.0 A - 40.0 A Forward Current
70 ns - 3000 ns Recovery Time

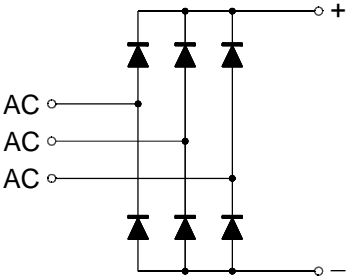
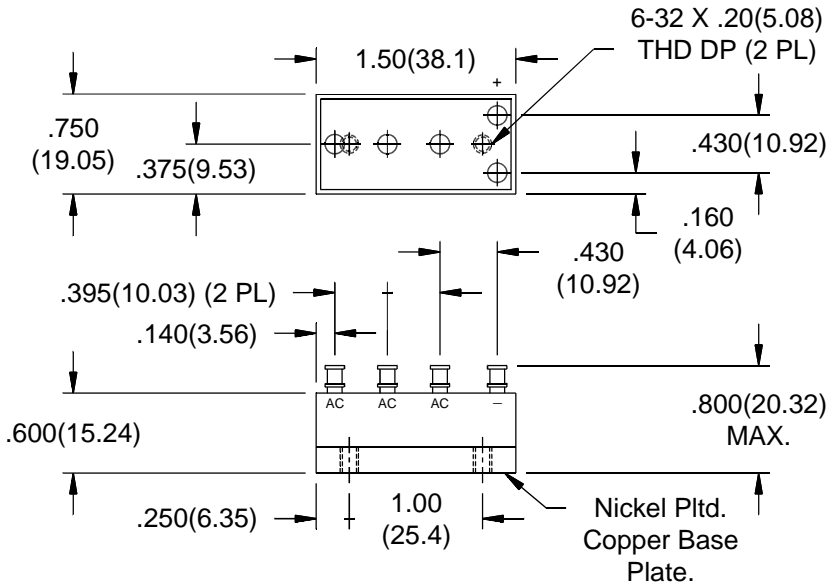
LTI602 - LTI610
LTI602F - LTI610F
LTI602UF - LTI610UF



ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rw})	Average Rectified Current @TC (I _o)		Reverse Current @ V _{rw} m (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
LTI602	200	40.0	28.0	1.0	25	1.1	9.0	150	25	3000	0.75
LTI606	600	40.0	28.0	1.0	25	1.1	9.0	150	25	3000	0.75
LTI610	1000	40.0	28.0	1.0	25	1.2	9.0	150	25	3000	0.75
LTI602F	200	40.0	28.0	1.0	25	1.5	9.0	100	25	150	0.75
LTI606F	600	40.0	28.0	1.0	25	1.5	9.0	100	25	150	0.75
LTI610F	1000	40.0	28.0	1.0	25	1.6	9.0	100	25	150	0.75
LTI602UF	200	30.0	21.0	1.0	25	1.7	9.0	100	25	70	0.75
LTI606UF	600	30.0	21.0	1.0	25	1.7	9.0	100	25	70	0.75
LTI610UF	1000	30.0	21.0	1.0	25	2.1	9.0	100	25	70	0.75

(1)Trr Testing: If=0.5A, Ir=1.0A, Irr=0.25A *Op. Temp. & Stg. Temp. = -55°C to +150°C Isolation Voltage: 2000V



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



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LT1602 - LT1610 • LT1602F - LT1610F • LT1602UF - LT1610UF

