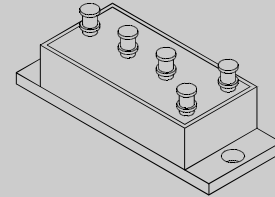


200 V - 1,000 V Three Phase Bridge

30.0 A - 40.0 A Forward Current

70 ns - 3000 ns Recovery Time

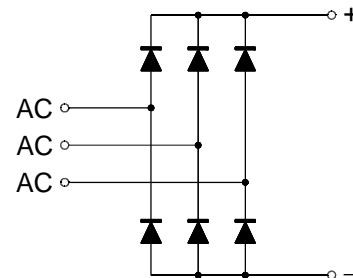
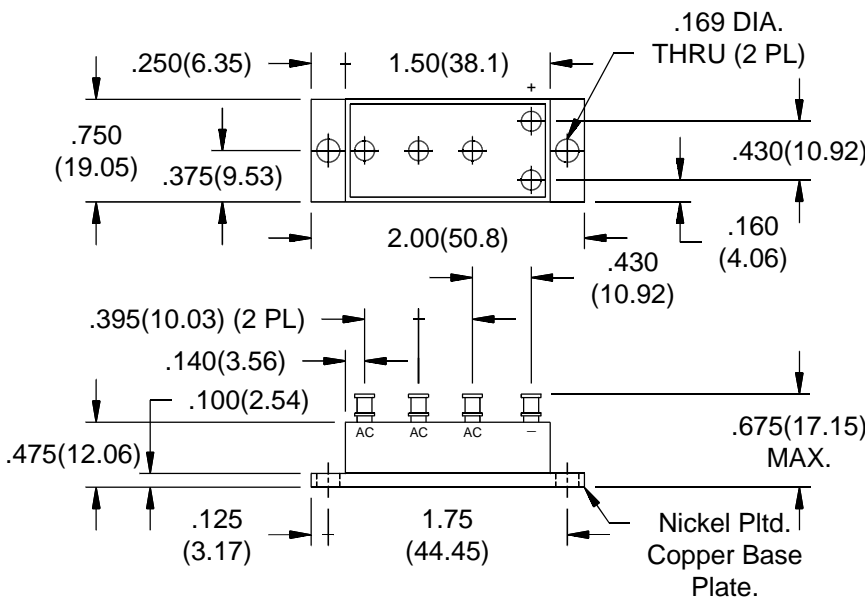
LTI602T - LTI610T
LTI602FT - LTI610FT
LTI602UFT-LTI610UFT



ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rwm})	Average Rectified Current @TC (I _o)		Reverse Current @ V _{rwm} (I _r)		Forward Voltage (V _f)		1 Cycle Surge Current tp=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	Amps	25°C	25°C	25°C	°C/W
		Amps	Amps	µA	µA	Volts		Amps	Amps	ns	
LTI602T LTI606T LTI610T	200 600 1000	40.0 40.0 40.0	28.0 28.0 28.0	1.0 1.0 1.0	25 25 25	1.1 1.1 1.2	9.0 9.0 9.0	150 150 150	25 25 25	3000 3000 3000	0.75 0.75 0.75
LTI602FT LTI606FT LTI610FT	200 600 1000	40.0 40.0 40.0	28.0 28.0 28.0	1.0 1.0 1.0	25 25 25	1.5 1.5 1.6	9.0 9.0 9.0	100 100 100	25 25 25	150 150 150	0.75 0.75 0.75
LTI602UFT LTI606UFT LTI610UFT	200 600 1000	30.0 30.0 30.0	21.0 21.0 21.0	1.0 1.0 1.0	25 25 25	1.7 1.7 2.1	9.0 9.0 9.0	100 100 100	25 25 25	70 70 70	0.75 0.75 0.75

(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



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



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LT1602T - LT1610T • LT1602FT - LT1610FT • LT1602UFT - LT1610UFT

