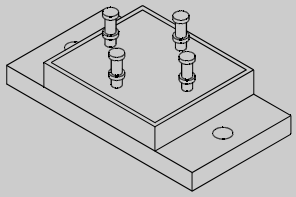
200 V - 1,000 V Single Phase Bridge

20.0 A - 25.0 A Forward Current
70 ns - 3000 ns Recovery Time

LTI402T - LTI410T
LTI402FT - LTI410FT
LTI402UFT-LTI410UFT

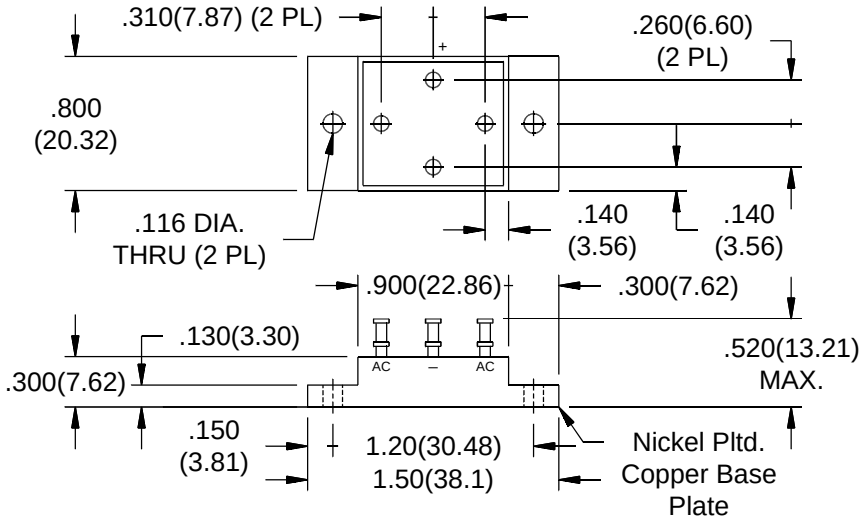


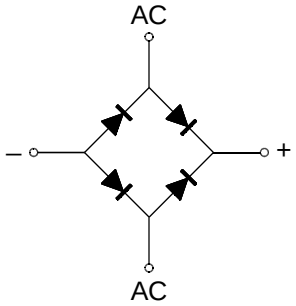
ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (Vrwm)	Average Rectified Current @TC (Io)		Reverse Current @ Vrwm (Ir)		Forward Voltage (Vf)		1 Cycle Surge Current tp=8.3ms (Ifsm)	Repetitive Surge Current (Ifrm)	Reverse Recovery Time (1) (Trr)	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
LTI402T	200	25.0	18.0	2.0	50	1.3	6.0	80	20	3000	0.75
LTI406T	600	25.0	18.0	2.0	50	1.3	6.0	80	20	3000	0.75
LTI410T	1000	25.0	18.0	2.0	50	1.3	6.0	80	20	3000	0.75
LTI402FT	200	20.0	15.0	2.0	50	1.7	6.0	80	20	150	0.75
LTI406FT	600	20.0	15.0	2.0	50	1.7	6.0	80	20	150	0.75
LTI410FT	1000	20.0	15.0	2.0	50	1.7	6.0	80	20	150	0.75
LTI402UFT	200	20.0	15.0	2.0	50	1.7	6.0	80	20	70	0.75
LTI406UFT	600	20.0	15.0	2.0	50	1.7	6.0	80	20	70	0.75
LTI410UFT	1000	20.0	15.0	2.0	50	1.7	6.0	80	20	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

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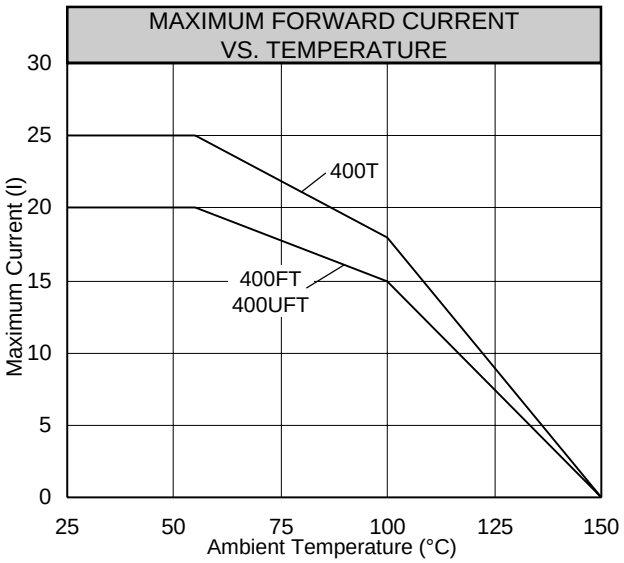


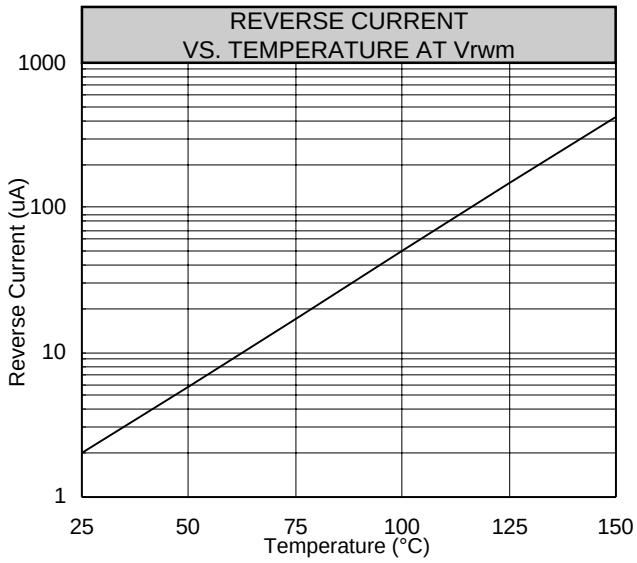


Dimensions: In. (mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.

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MAXIMUM FORWARD CURRENT
VS. TEMPERATURE
Maximum Current (I)
30
25
20
15
10
5
0
400T
400FT
400UFT
25
50
75
100
125
150
Ambient Temperature (°C)


REVERSE CURRENT
VS. TEMPERATURE AT Vrwm
Reverse Current (uA)
1000
100
10
1
25
50
75
100
125
150
Temperature (°C)