RoHS Pb **1812L SL Series** cULus TÜV Pending

Device Specification

ELECTRICAL CHARACTERISTICS

Part Number	I_{hold} (A)	I_{trip} (A)	V_{max} (Vdc)	I_{max} (A)	Pd_{max} (W)	Maximum Time-to-Trip		Resistance	
						Current (A)	Time (Sec.)	R_{min} (Ω)	R_{1max} (Ω)
1812L750SL	7.5	15.0	6	50	1.5	37.5	2.0	0.001	0.006

Note: I_{hold} = Hold current: maximum current device will pass without tripping in 20℃ still air.

I_{trip} = Trip Current: minimum current at which the device will trip in 20℃ still air.

V_{max} = Maximum voltage device can withstand without damage at rated current (Imax)

I_{max} = Maximum fault current device can withstand without damage at rated voltage (Vmax)

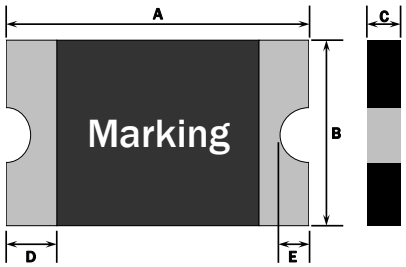
Pd = Power dissipated from device when in the tripped state at 20℃ still air.

R_{min} = Minimum resistance of device in initial (un-soldered) state.

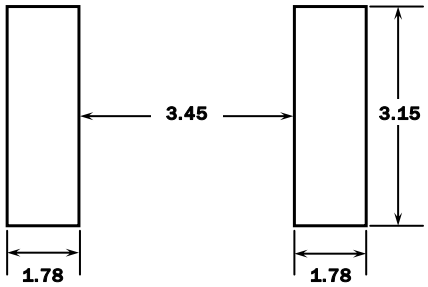
R_{1max} = Maximum resistance of device at 20℃ measured one hour after tripping or reflow soldering of 260℃ for 20 sec.

Caution :Operation beyond the specified rating may result in damage and possible arcing and flame.

Figure



Solder Pad Layout (mm)



PHYSICAL DIMENSIONS (mm)

Part Number	A		B		C		D		E	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1812L750SL	4.37	4.73	3.07	3.41	0.50	0.70	0.30	1.20	0.15	0.65

RoHS

THERMAL DERATING CHART – Ihold/Itrip (Amps)

Recommended Data

Part Number		Ambient Operation Temperature								
		-40 ℃	-20 ℃	0 ℃	23 ℃	40 ℃	50 ℃	60 ℃	70 ℃	85 ℃
1812L750SL	I_{hold}	11.65	10.40	9.00	7.50	6.00	5.00	4.00	3.40	2.80
	I_{trip}	23.30	20.80	18.00	15.00	12.00	10.00	8.00	6.80	5.60

单击下面可查看定价，库存，交付和生命周期等信息

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