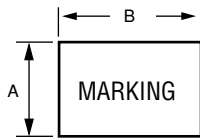


Resettable PTCs

Surface Mount PTC

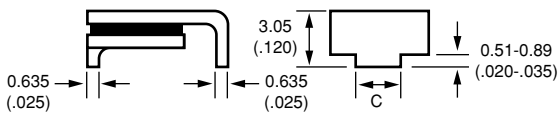
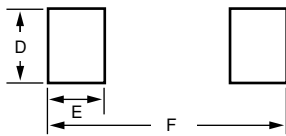
3425L Series

Dimensions (Inches)



Recommended Pad Layout (Inches)

All dimensions are nominal.

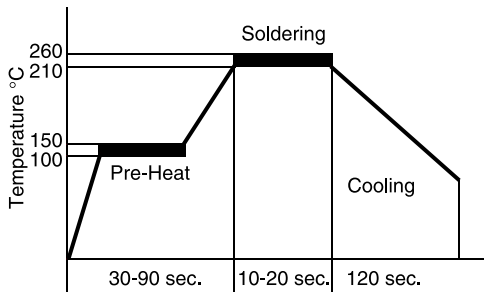


Series	A	B	C	D	E	F
3425L	6.70 max (.264 max.)	9.50 max (.374 max.)	3.68 (.145)	4.572 (.180)	2.29 (.090)	10.67 (.420)

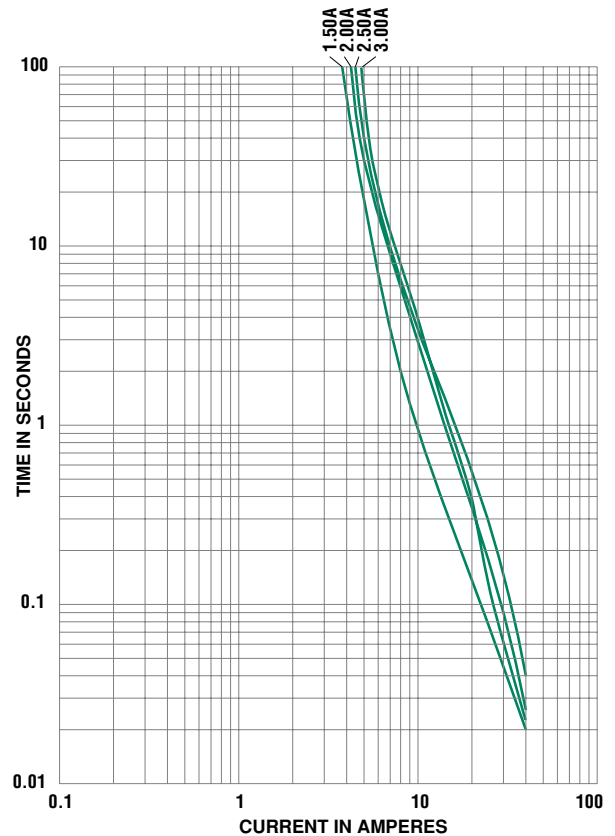
RECOMMENDED REFLOW CONDITIONS:

(IR, Forced Air Convection, Vapor Phase)

Devices are not designed to be wave soldered.



Average Time Current Curves



ORDERING INFORMATION:

Catalog Number	I _{hold} (A)	I _{trip} (A)	V _{max} (Vdc)	I _{max} (A)	P _d max. (W)	Maximum Time To Trip		Resistance	
						Current (A)	Time (Sec)	R _{IL} (Ω)	R _{AT} (Ω)
3425L150	1.50	3.0	15	40	1.9	8.0	5.0	0.060	0.25
3425L200	2.00	4.0	15	40	1.9	8.0	12.0	0.050	0.15
3425L250	2.50	5.0	15	40	1.9	8.0	25.0	0.035	0.10
3425L300	3.00	6.0	6	40	1.9	8.0	32.0	0.020	0.06

- I_{hold} = Hold Current: maximum current device will sustain for 4 hours without tripping in 20°C still air.
- I_{trip} = Trip Current: minimum current at which the device will trip in 20°C still air.
- V_{max} = Maximum voltage device can withstand without damage at rated current (I_{max})
- I_{max} = Maximum fault current device can withstand without damage at rated voltage (V_{max})
- P_d = Power dissipated from device when in the tripped state at 20°C still air.
- R_{IL} = Minimum resistance of device in initial (un-soldered) state.
- R_{AT} = Maximum measured resistance in the non-tripped state 1 hour after reflow with reflow conditions of 260°C for 20 sec.

CAUTION: Operation beyond the specified ratings may result in damage and possible arcing and flame.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Littelfuse:](#)

[3425L250](#) [3425L150](#)