

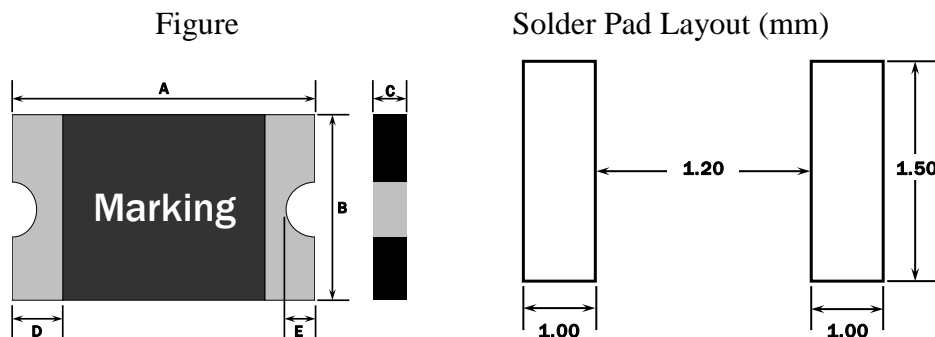
Device Specification

ELECTRICAL CHARACTERISTICS

Part Number	Marking	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 _{I_{max}} (Ω)
0603L300/9SL	Z	3.00	6.00	9	50	0.60	8.00	1.00	0.003	0.030

- Note: I_{hold} = Hold current: maximum current device will pass 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})
 Pd = Power dissipated from device when in the tripped state at 20°C still air.
 R_{min} = Minimum resistance of device in initial (un-soldered) state.
 R_{I_{max}} = Maximum resistance of device at 20°C measured one hour after tripping or reflow soldering of 260°C for 20 sec.

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

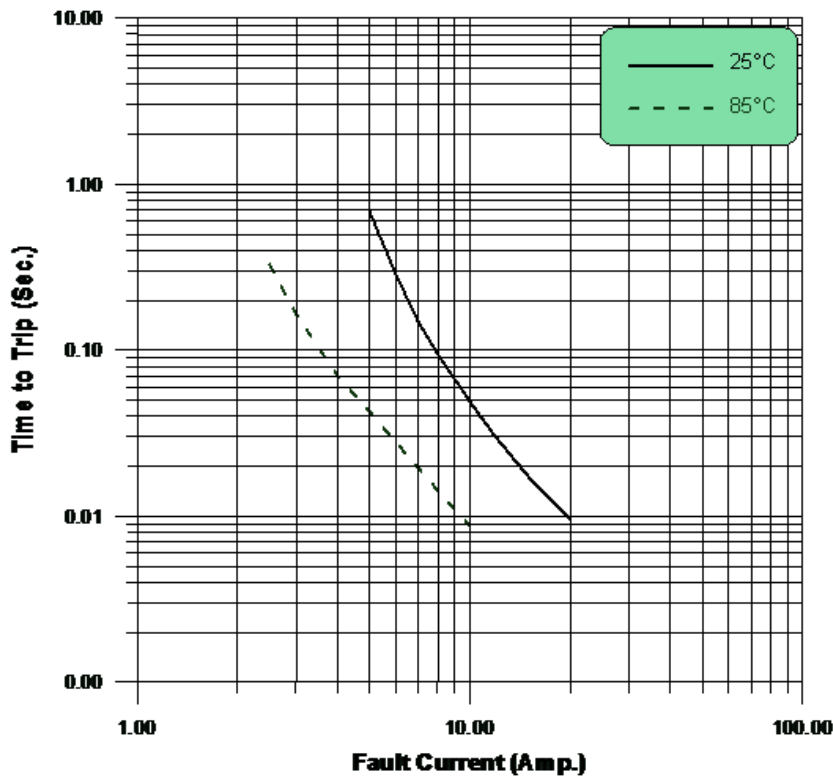


PHYSICAL DIMENSIONS (mm)

Part Number	A		B		C		D		E	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
0603L300/9SL	1.40	1.80	0.60	1.00	0.40	1.00	0.15	0.50	--	0.40

THERMAL DERATING CHART – I_{hold}/I_{trip} (Amps)
Recommended Data

Part Number		Ambient Operation Temperature								
		-40 °C	-20 °C	0 °C	23 °C	40 °C	50 °C	60 °C	70 °C	85 °C
0603L300/9SL	I _{hold}	4.70	4.15	3.60	3.00	2.50	2.20	2.00	1.65	1.20
	I _{trip}	9.50	8.30	7.30	6.00	5.00	4.40	4.00	3.30	2.50

AVERAGE TIME-CURRENT CURVE


单击下面可查看定价，库存，交付和生命周期等信息

[>>Littelfuse\(美国力特\)](#)