

COMMON MODE CHOKE

FEATURES

- For Fibre Channel, Gigabit Ethernet, and IEEE 1394 Applications
- Common Mode Attenuation from 200 MHz to 2.5 GHz
- Reduces radiated emissions and improves noise immunity
- 235°C Peak Reflow temperature rating
- Surface mount, auto-insertable package
- Industrial temperature range

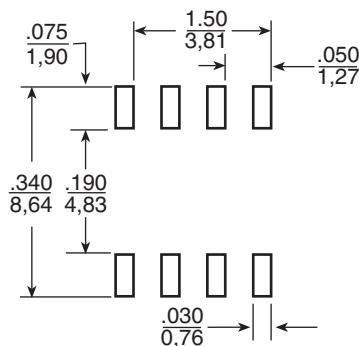
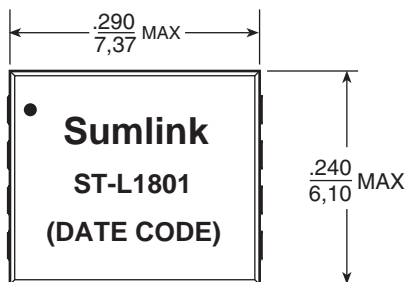


Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

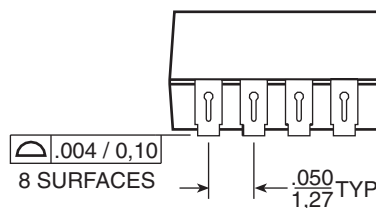
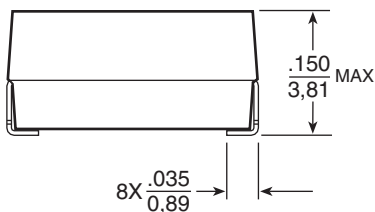
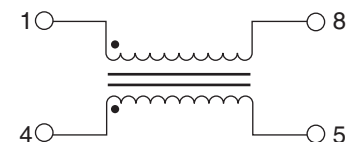
Part Number	Common Mode Attenuation (dB TYP)						Primary Inductance OCL (μH MIN)	DCR (Ω MAX)
	200 MHz	500MHz	1.0GHz	1.5GHz	2.0GHz	2.5GHz		
ST-L1801	-11.0	-11.0	-11.0	-10.0	-9.0	-7.5	3.0	.15

Mechanical

Schematic



SUGGESTED PAD LAYOUT



Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified, all tolerances are $\pm \frac{.005}{0.13}$