

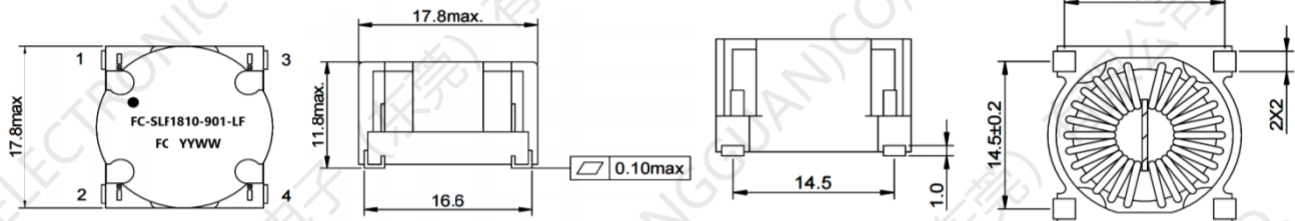
Common Mode Power Line Choke FC-SLF1810-901-LF

Features:

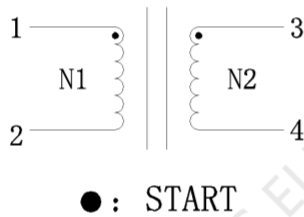
1. SMD power line choke
2. Compact size
3. Toroidal core with sector winding
4. Insulation Test Voltage: 500VAC
5. Rated Current: 4A $\Delta T \leq 45^\circ\text{C}$ (Does not include room temperature)
6. High attenuation of common mode interferences in low and middle frequency range
7. Recommended solder profile: Reflow
8. Operating temperature: -40°C to $+125^\circ\text{C}$



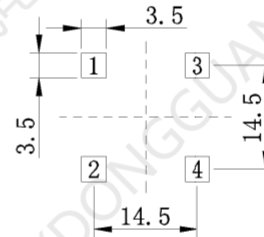
1. Dimensions:mm



2. Schematic:



3. Recommended Land Pattern: mm



4. Electrical Properties

NO.	ITEMS	MEASURING POINT	TECHNICAL DATA	TEST CONDITION	INSTRUMENT
1	Inductors	N1=N2	0.9mH /MIN	1KHz, 0.3V, 25°C	HP4284A
2	IR	COIL~CORE	100Mohm MIN	DC500V	MF2511
3	turns Ratio	N1:N2	1:1	20KHz, 1V, 25°C	TH3250
4	DCR	N1=N2	25 Ω /MAX	25°C	CH502
5	Insulation Test Voltage	COIL => COIL	500V/AC	50Hz 1mA 2S	CJ2670
6	Rated Current	N1/N2	4A	$\Delta T \leq 45^\circ\text{C}$ Does not include room temperature	6240

Ambient temperature : -40°C to $+85^\circ\text{C}$

Operating temperature: -40°C to $+125^\circ\text{C}$

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