

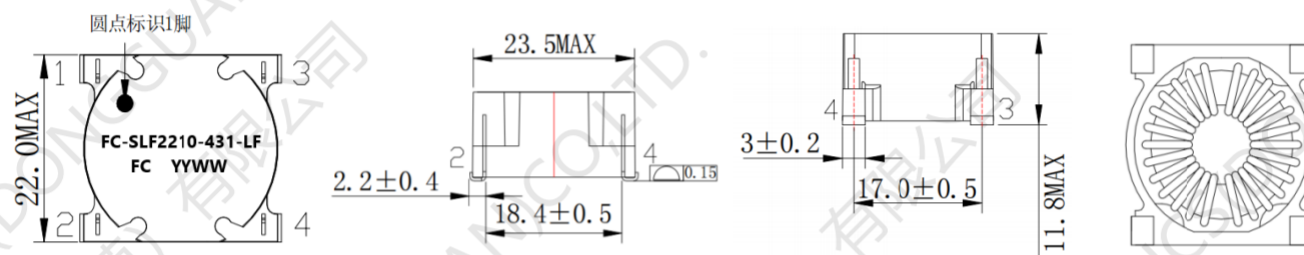
Common Mode Power Line Choke FC-SLF2210-431-LF

Features:

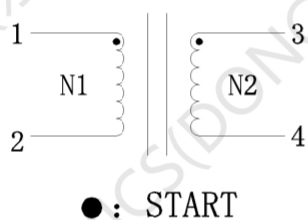
1. SMD power line choke
2. Compact size
3. Toroidal core with sector winding
4. Insulation Test Voltage: 800VDC
5. Rated Current: 15ADC $\Delta T \leq 55^\circ\text{C}$ (Does not include room temperature)
6. High attenuation of common mode interferences in low and middle frequency range
7. Recommended solder profile: Reflow
8. Operating temperature: -40°C to $+125^\circ\text{C}$



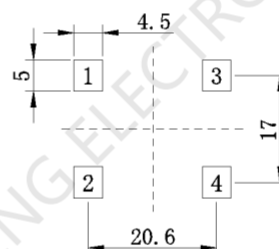
1. Dimensions:mm



2. Schematic:



3. Recommended Land Pattern: mm



4. Electrical Properties

NO.	ITEMS	MEASURING POINT	TECHNICAL DATA	TEST CONDITION	INSTRUMENT
1	Inductors	N1=N2	430 μH /MIN	1KHz, 1V, 25 $^\circ\text{C}$	HP4284A
2	Inductors	N1=N2	270 μH /MIN	100KHz, 1V, 25 $^\circ\text{C}$	HP4284A
3	Inductors Deflection	L (1-2)-L (3-4)	10 μH /MAX	100KHz, 1V, 25 $^\circ\text{C}$	HP4284A
4	IR	COIL~CORE	100Mohm MIN	DC500V	MF2511
5	turns Ratio	N1:N2	1:1	20KHz, 1V, 25 $^\circ\text{C}$	TH3250
6	DCR	N1=N2	8m Ω /MAX	25 $^\circ\text{C}$	CH502
7	Insulation Test Voltage	COIL => COIL	800V/DC	2mA 60S	CJ2670
8	Rated Current	N1/N2	15ADC	$\Delta T \leq 55^\circ\text{C}$ Does not include room temperature	6240

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

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