

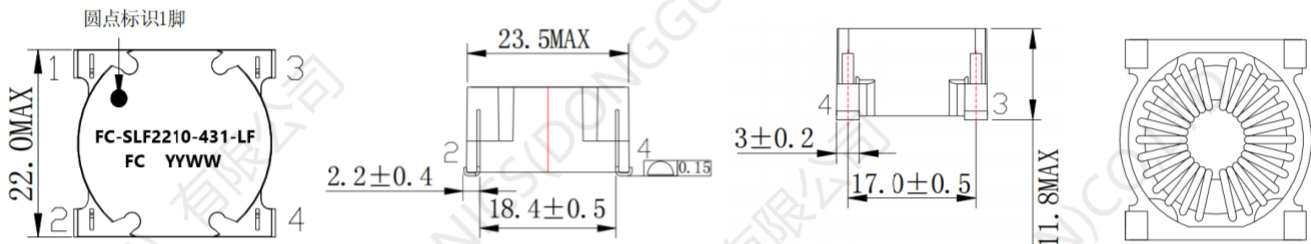
## Common Mode Power Line Choke FC-SLF2210-431-LF

### Features:

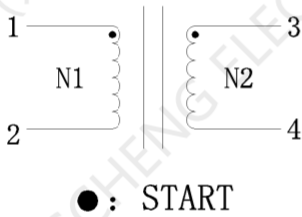
1. SMD power line choke
2. Compact size
3. Toroidal core with sector winding
4. Insulation Test Voltage: 800VDC
5. Rated Current: 10ADC  $\Delta T \leq 55^\circ\text{C}$  (Does not include room temperature)
6. High attenuation of common mode interferences in low and middle frequency range
7. Recommended solder profile: Reflow
8. Operating temperature:  $-40^\circ\text{C}$  to  $+125^\circ\text{C}$



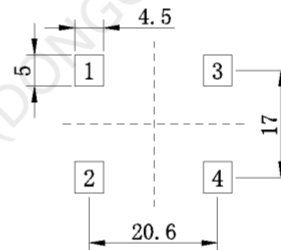
### 1. Dimensions:mm



### 2. Schematic:



### 3. Recommended Land Pattern: mm



### 4. Electrical Properties

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

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

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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Common Mode Chokes / Filters](#) category:*

*Click to view products by [FANGCHENG](#) manufacturer:*

Other Similar products are found below :

[PE-64683](#) [RD5122-6-9M6](#) [RD6137-6-7M5](#) [RD8147-16-3M0](#) [ST6118T-R](#) [FE3X025-10-7NL](#) [RD7147-25-0M7](#) [TCM0806G-350-2P-T](#)  
[TCM0806G-650-2P-T](#) [IND-0110](#) [UAL21VR0802000](#) [UALSC023000000](#) [UALSC1020JH000](#) [UALSU10VD20010](#) [UALSU9VD070100](#) [36-00037](#) [UALW21HS072450](#) [UALSU9H0208000](#) [UAL24VK06450CH](#) [PLT10HH501100PNB](#) [PLT10HH401100PNB](#) [PLT10HH1026R0PNB](#)  
[36-00029-01](#) [PE-67531](#) [TLH10UB](#) [113 0R5](#) [2752045447](#) [7351V](#) [CMF16-153131](#) [RD7147-6-6M0](#) [T8116NLT](#) [FE2X10-4-2NL](#) [36-00029-07](#)  
[T8003NLT](#) [CTX01-13663](#) [CTX66-19521-R](#) [RC212-0.5-10M](#) [RC112-0.4-15M](#) [RC212-0.6-6M8](#) [RC212-0.4-15M](#) [RC112-0.3-30M](#)  
[WTCF2012Z0M751PB](#) [PH9408.814NLT](#) [PAC6006.364NLT](#) [PAC6006.444NLT](#) [PAC6006.204NLT](#) [PH9407.204NLT](#) [PAC6006.264NLT](#)  
[PH9408.494NLT](#) [PAC6006.104NLT](#) [CM6350R-683-REEL](#)