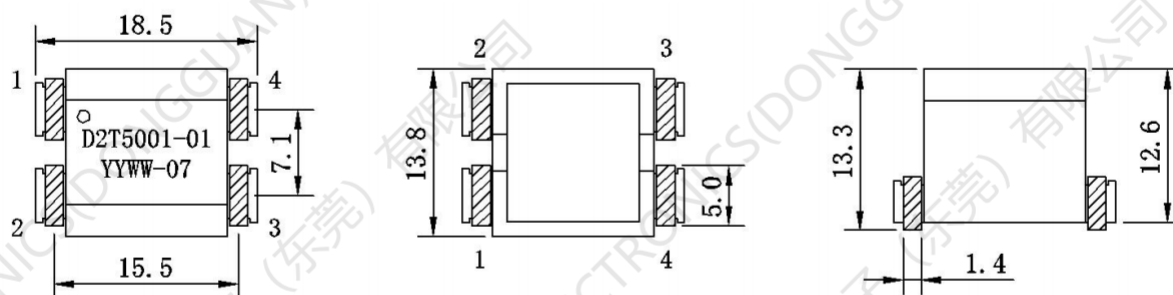


Common Mode Power line Choke FC-D2T5001-01

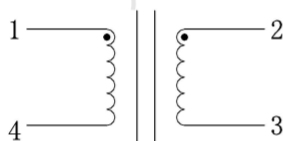
Features:

1. High current common mode choke
2. Inductance range: 2.0mH +50%/-30%
3. Insulation Test Voltage: 500VDC
4. turns Ratio: 1:1
5. Rated Current: 6A
6. Operating temperature: -40°C to +125°C

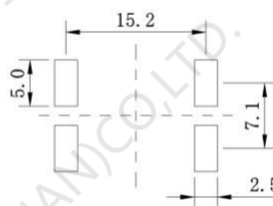
1. Dimensions:mm



2. Schematic:



3. Recommended Land Pattern: mm



4. Electrical Properties

NO.	ITEMS	MEASURING POINT	TECHNICAL DATA	TEST CONDITION	INSTRUMENT
1	Inductance	N1=N2	2.0mH +50%/-30%	10KHz, 0.3V, 25°C	HP4284A
		N1=N2	0.63mH ±30%	100KHz, 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	10mΩ MAX	25°C	CH502
5	Insulation Test Voltage	COIL~COIL	500V/DC	1mA 2S	CJ2670
6	Rated Current	N1/N2	6A MAX	ΔT≦40°C (Ta=25°C)	WK3225B

Ambient temperature: -40°C to +85°C

Operating temperature: -40°C to +125°C

5. Typische Kurven / typical characteristics:

