



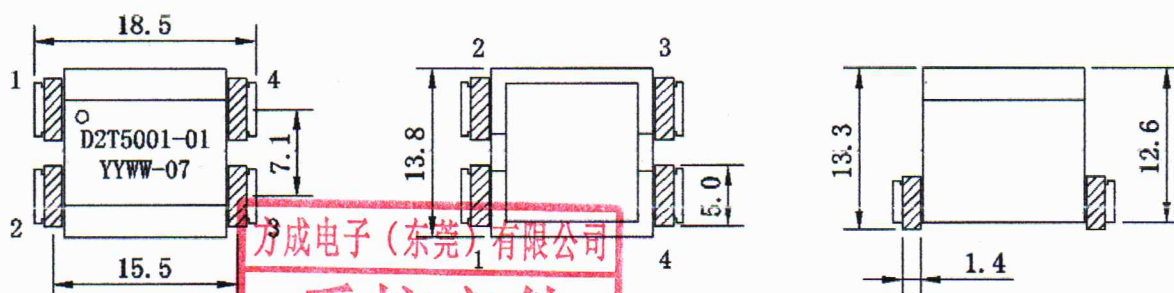
# 方成电子（东莞）有限公司

## Common Mode Power line Choke FC-D2T5001-01

### Features:

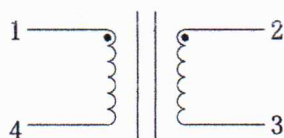
1. High current common mode choke
2. Inductance range: 2.0mH +50%/-30%
3. Insulation Test Voltage: 500VDC
4. turns Ratio: 1:1
5. Rated Current: 6A
6. Operating temperature: -40°C to +125°C

### 1. Dimensions:mm

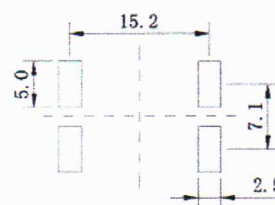


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 日期： 年 月 日

### 2. Schematic:



### 3. Recommend Land Pattern: mm



### 4. Electrical Properties

NO.	ITEMS	MEASURING POINT	TECHNICAL DATA	TEST CONDITION	INSTRUMENT
1	Inductance	N1=N2	2.0mH +50%/-30%	1.0KHz, 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





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### 5. Typische Kurven / typical characteristics:

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