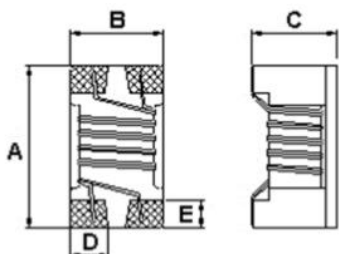


# FCPL4532



## SHAPE AND DIMENSIONS (mm)

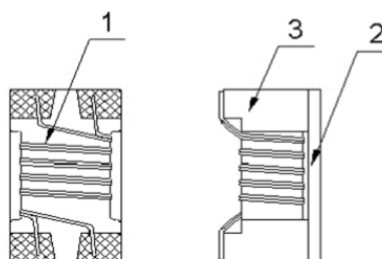


Item	mm
A	4.5±0.3
B	3.2±0.2
C	2.8±0.2
D	1.0
E	1.0

## RATING

Operating temperature range: -25 to 85°C  
 Storage temperature range: 20 to 25°C  
 R.H. 65% (For Reference)

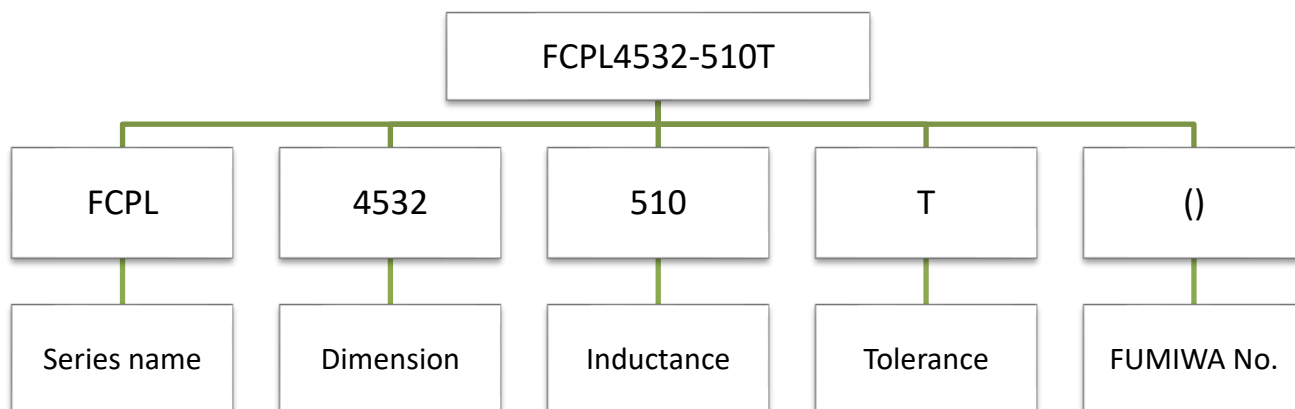
## CONSTRUCTION



Item	Part	Description
1	Wire	Polysol 155
2	Cover Sheet	Ferrite
3	Core	Ferrite

## PRODUCT IDENTIFICATION

(ex.)



## ELECTRICAL CHARACTERISTICS

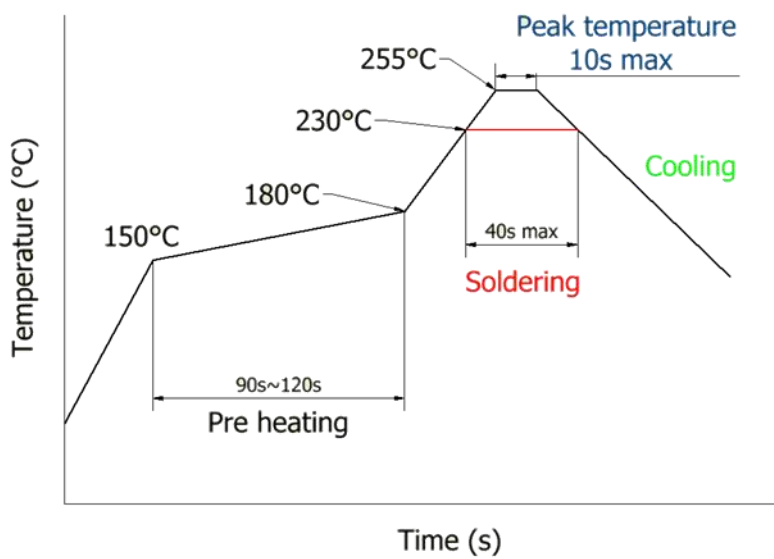
Part No.	Inductance (nH)	Test Freq. (MHz)	Tolerance (±%)	Withstand voltage DC(V)	Insulation Resistance (Ω)min.	RDC (Ω)Max.	IDC (mA)Max.
FCPL4532-510T	51	1	+50/-30	125	10M	1.00	230

\* Tolerance: T=+50/-30%

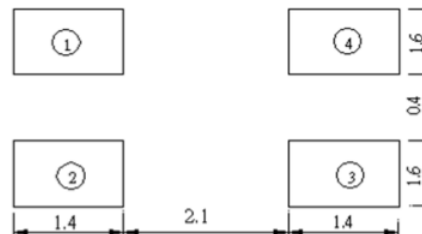
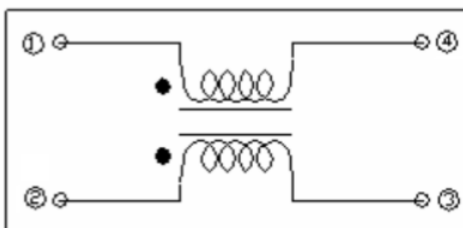
\* RDC: single wire test value

\* Operating temperature range -25°C~85°C

## RECOMMENDED SOLDERING CONDITIONS

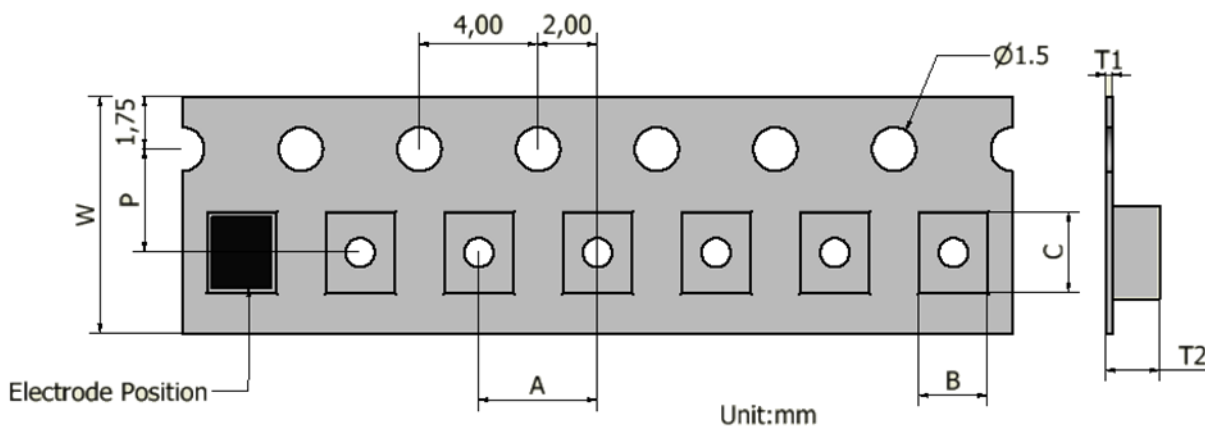


## EQUIVALENT CIRCUIT DIAGRAM & RECOMMEND PATTERN



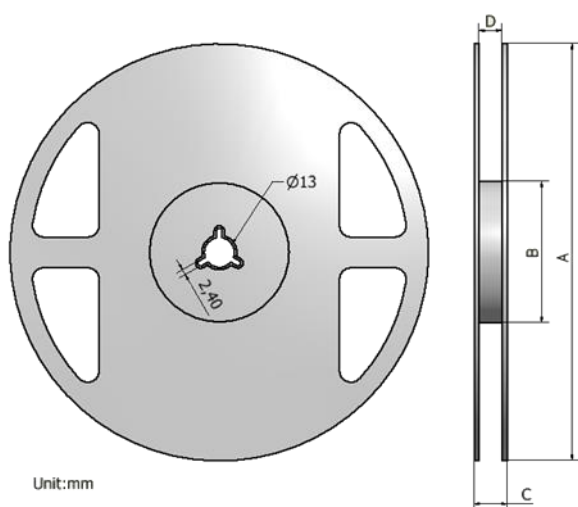
## PACKAGE

### (1) Taping specifications



Type	W	P	A	B	C	T1	T2
FCPL4532	12±0.2	5.5±0.05	8.0±0.1	3.45±0.1	4.9±0.1	0.23±0.05	3.05±0.1

### (2) Reel specifications



#### Label

Wire Wound Common Mode Filter  
 FCPL4532-□□□T  
 500 PCS  
 Lot No. \_\_\_\_\_  
 FUMIWA TECHNICAL CO., LTD.

Type	A	B	C	D	Q'ty/Reel
FCPL4532	178	60	16.5	14	500

#### Note:

1. Please make sure that your product is has been evaluated and confirmed against your specifications when our product is mounted to your product.
2. Do not knock nor drop.
3. All the items and parameters in this product specification have been prescribed on the premise that our product is used for the purpose, under the condition and in the environment agreed upon between you and us. You are requested not to use our product deviating from such agreement.
4. Please keep the distance between transformer/coil and other components (refer to the standard IEC 950