

EMC Components

ZCYS Series

Common Mode Choke Coils for ADSL Signal Line SMD

FEATURES

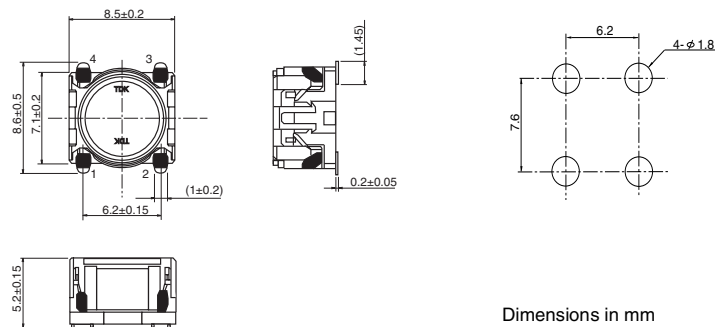
- The ZCYS series common mode choke coils provide highly effective noise rejection characteristics without distorting the transmission signal. Especially, most available for ADSL interface circuit.
- Automation mounting in tape and reel package.
- We verified the working between ZCYS and a various chip set IC.



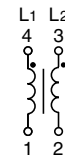
APPLICATIONS

xDSL, Modem, Pots-Splitter for DSLAM

SHAPES AND DIMENSIONS/RECOMMENDED PC BOARD PATTERNS ZCYS51R4-2P472T



CIRCUIT DIAGRAMS ZCYS51R4-2P472T



ELECTRICAL CHARACTERISTICS

Part No.	ZCYS51R4-2P472T
Rated voltage $E_{dc}(V)$	50
Rated current (A)	0.4
Withstand voltage $E_{ac}(V)$ [Between L1-L2 terminals for 60s]	500
DC resistance (W) [each line](L1,L2)	1.0max.
Operating temperature range(°C)	-40 to +85
Inductance(mH)	4.7±30%
[+5 to +35°C](L1,L2 parallel)	[at 100kHz]

PACKAGING STYLE AND QUANTITIES

Packaging style	Part No.	Quantity
Taping	ZCYS51R4-2P472T	1000 pieces/reel

TYPICAL ELECTRICAL CHARACTERISTICS FREQUENCY CHARACTERISTICS(for 1 element) ZCYS51R4-2P472T

