

PRODUCT SPECIFICATION

SPEC. No.

T-0634-002K



1. Scope

This specification applies Wire Wound Micro Chip Transformer BLN2012-500-2P-T to be delivered to user.

1-1 Features

1. BLN2012-500-2P-T is Wire Wound chip Transformer developed for high speed differential signal interfaces.
2. BLN2012-500-2P-T suppress the radiated emission without the distortion of differential signal.

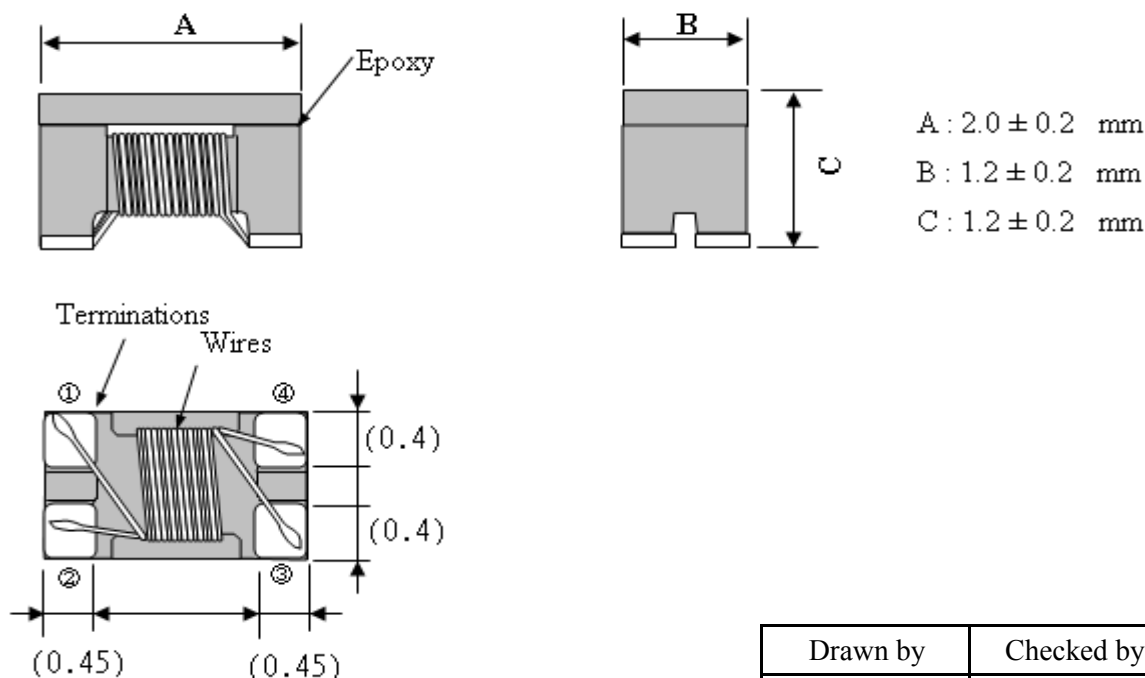
2. Product Identification

BLN 2012 - 500 - 2P - T

(1) (2) (3) (4) (5)

- (1) Product name
- (2) Shapes and dimensions
- (3) Impedance : 500: 50Ω
- (4) Number of Line : 2P: 2-Line
- (5) Taping Type

3. Shapes and Dimensions



Drawn by	Checked by	Approved by
Cindy Jun.12.2019	Zheny Jun.12.2019	Su Jun.12.2019

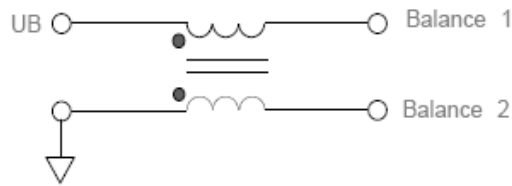
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4. Equivalent Circuit



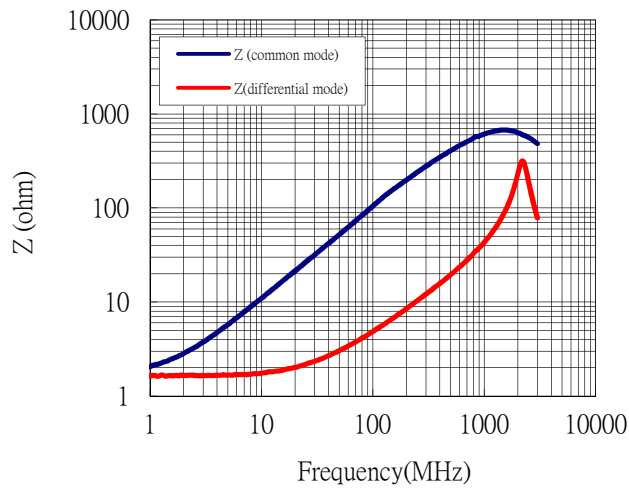
5. Electrical Characterisitics

5-1 Electrical Spec.

Our Product Part Number	Frequency range (MHz)	Blance /Unbalance Impedance(Ω)	DC resistance (Ω) max. (1 line)	Insertion Loss(dB) 174MHz	Insertion Loss(dB) 860MHz	CMRR (dB) Typ.	Rated Current DC(mA) max.	Rated Voltage DC(V)max.	Insulation Resistance ($M\Omega$) min.
BLN2012-500-2P-T	40 to 860	50	0.85	0.4(dB)typ.	0.7(dB)typ.	20	100	10	10

Operating temperature range : -25deg.C.~+85deg.C.

BLN2012-500-2P-T



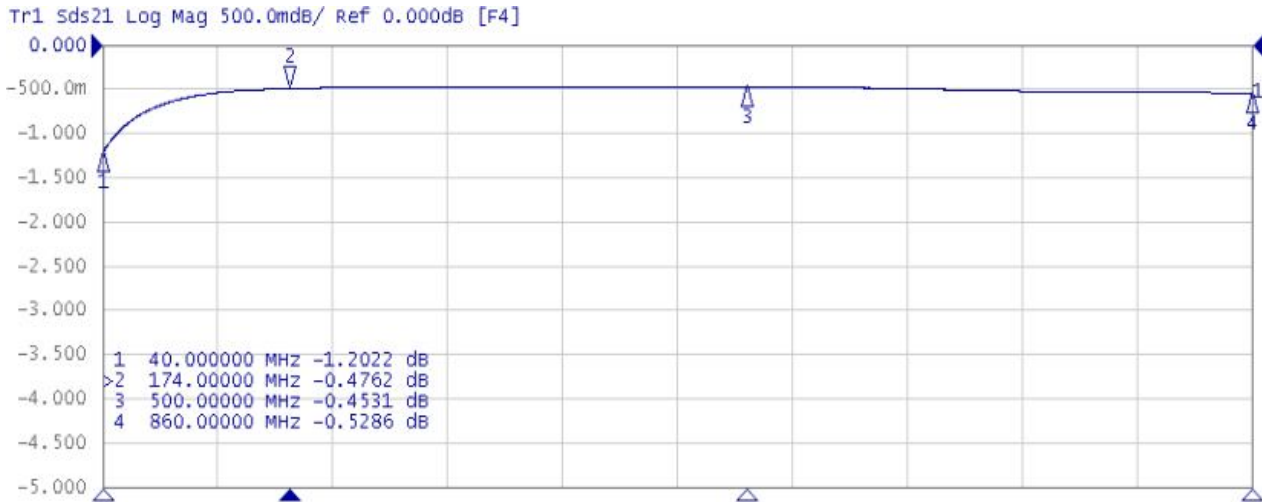
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Insertion Loss(Reference)



CMRR(Reference)

