

Winding Type Chip Inductor

WNL322522RF-SERIES

1. Features

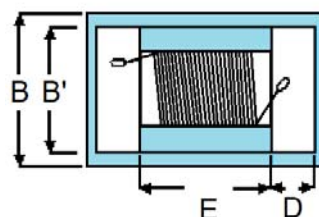
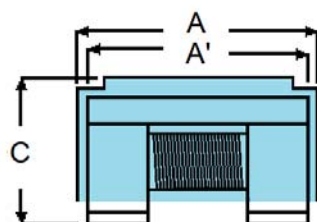
1. Ferrite core wire wound construction.
2. High Reliability due to wire wound type construction.
3. Small footprint as well as low profile.
4. 100% Lead (Pb) & Halogen-Free and RoHS compliant.
5. Operating temperature -40~+125°C (Including self - temperature rise)



2. Application

Smart meters, AV equipment, xDSL, electronic devices for communications
Infrastructure such as mobile base stations, industrial equipment, other

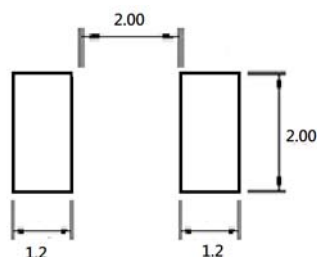
3. Dimension



Size	A	A'	B	B'
	3.20±0.30	3.15±0.20	2.50±0.30	1.95±0.20
	C	D	E	
WNL322522	2.20±0.20	0.55±0.10	2.00 ref	

Unit:mm

Recommend PC Board Pattern



4. Part Numbering

WNL
322522
R
F
-
471
M

A: Series

B: Dimension

C: Application

D: Lead free type

E: Inductance

F: Inductance Tolerance

L x W x H

Low DCR

471=470uH

M=±20%

5. Specification

TAI-TECH Part Number	Ls(uH)	Frequency	DCR±20% (Ω)	IDC (A)
WNL322522RF-1R0M	1.00±20%	7.96M	0.06	0.750
WNL322522RF-2R2M	2.20±20%	7.96M	0.09	0.500
WNL322522RF-3R3M	3.30±20%	7.96M	0.11	0.420
WNL322522RF-4R7M	4.70±20%	7.96M	0.13	0.360
WNL322522RF-6R8M	6.80±20%	7.96M	0.17	0.260
WNL322522RF-100M	10.0±20%	2.52M	0.20	0.250
WNL322522RF-220M	22.0±20%	2.52M	0.40	0.140
WNL322522RF-330M	33.0±20%	2.52M	0.65	0.095
WNL322522RF-470M	47.0±20%	2.52M	0.85	0.090
WNL322522RF-680M	68.0±20%	2.52M	1.30	0.070
WNL322522RF-101M	100±20%	0.796M	2.20	0.055
WNL322522RF-151M	150±20%	0.796M	2.90	0.050
WNL322522RF-221M	220±20%	0.796M	5.10	0.040
WNL322522RF-331M	330±20%	0.796M	6.80	0.035
WNL322522RF-471M	470±20%	0.796M	14.50	0.030
WNL322522RF-681M	680±20%	0.796M	18.50	0.025
WNL322522RF-102M	1000±20%	0.796M	22.50	0.020