

Winding Type Chip Inductor

WNLU252018RV-SERIES

1. Features

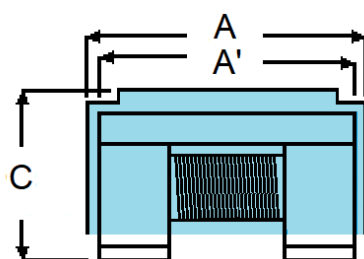
1. Ferrite core wire wound construction.
2. High Reliability due to wire wound type construction.
3. Small footprint as well as low profile.
4. 100% Lead (Pb) & Halogen-Free and RoHS compliant.
5. High reliability -Reliability tests comply with AEC-Q200
6. Operating temperature-40~+125°C (Including self - temperature rise)



2. Application

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

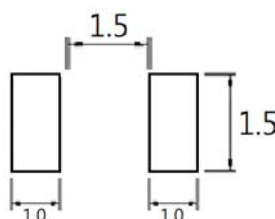
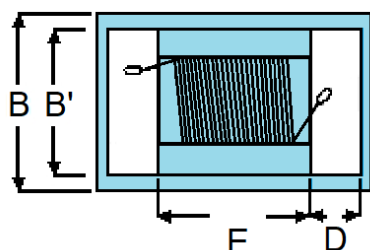
3. Dimension



Size	A	A'	B	B'
	2.60±0.30	2.45±0.20	2.00±0.20	1.45±0.20
	C	D	E	
WNLU252018	1.80±0.20	0.45±0.10	1.55Min	

Unit:mm

Recommend PC Board Pattern



4. Part Numbering

WNLU	252018	R	V	-	101	M
A	B	C	D		E	F

A: Series

B: Dimension

C: Application

D: Category Code

E: Inductance

F: Inductance Tolerance

L x W x H

Low DCR

V=Vehicle

101=100uH

M=±20%

5. Specification

TAI-TECH Part Number	Ls(uH)	Frequency	DCR (Ω) $\pm 20\%$	IDC(A)
WNLU252018RV-1R0M	1.00 $\pm 20\%$	7.96M	0.07	0.455
WNLU252018RV-1R5M	1.50 $\pm 20\%$	7.96M	0.09	0.350
WNLU252018RV-2R2M	2.20 $\pm 20\%$	7.96M	0.10	0.315
WNLU252018RV-3R3M	3.30 $\pm 20\%$	7.96M	0.20	0.280
WNLU252018RV-4R7M	4.70 $\pm 20\%$	7.96M	0.24	0.210
WNLU252018RV-6R8M	6.80 $\pm 20\%$	7.96M	0.29	0.175
WNLU252018RV-100M	10.0 $\pm 20\%$	2.52M	0.36	0.155
WNLU252018RV-150M	15.0 $\pm 20\%$	2.52M	0.75	0.130
WNLU252018RV-220M	22.0 $\pm 20\%$	2.52M	1.00	0.105
WNLU252018RV-330M	33.0 $\pm 20\%$	2.52M	1.40	0.085
WNLU252018RV-470M	47.0 $\pm 20\%$	2.52M	1.70	0.060
WNLU252018RV-680M	68.0 $\pm 20\%$	2.52M	3.30	0.050
WNLU252018RV-101M	100 $\pm 20\%$	0.796M	4.00	0.040