

Winding Type Chip Inductor

WNLU322522RV-SERIES

1. Features

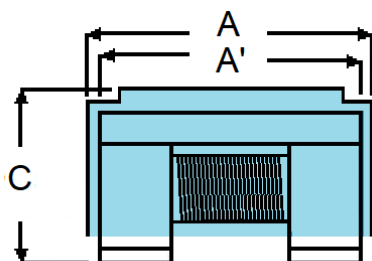
1. Ferrite core wire wound construction.
2. High Reliability due to wire wound type construction.
3. Small footprint as well as low profile.
4. 100% Lead (Pb) & Halogen-Free and RoHS compliant.
5. High reliability -Reliability tests comply with AEC-Q200
6. Operating temperature-40~+125°C (Including self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



2. Application

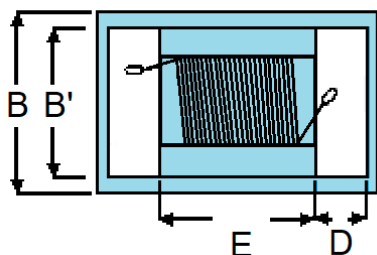
Smart meters, AV equipment, xDSL, electronic devices for communications
 Infrastructure such as mobile base stations, industrial equipment, other

3. Dimension

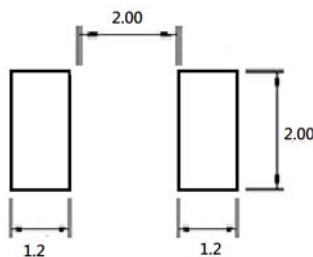


| Size | A | A' | B | B' |
|------------|-----------|-----------|-----------|-----------|
| | 3.20±0.30 | 3.15±0.20 | 2.50±0.30 | 1.95±0.20 |
| WNLU322522 | C | D | E | |
| | 2.20±0.20 | 0.55±0.10 | 2.00 ref | |

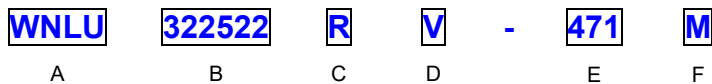
Unit:mm



Recommend PC Board Pattern



4. Part Numbering



- A: Series
- B: Dimension L x W x H
- C: Application Low DCR
- D: Category Code V=Vehicle
- E: Inductance 471=470uH
- F: Inductance Tolerance M=±20%

5. Specification

| TAI-TECH Part Number | Ls(uH) | Frequency | DCR±20% (Ω) | IDC (A) |
|-------------------------|----------|-----------|----------------|------------|
| WNLU322522RV-1R0M | 1.00±20% | 7.96M | 0.06 | 0.750 |
| WNLU322522RV-2R2M | 2.20±20% | 7.96M | 0.09 | 0.500 |
| WNLU322522RV-3R3M | 3.30±20% | 7.96M | 0.11 | 0.420 |
| WNLU322522RV-4R7M | 4.70±20% | 7.96M | 0.13 | 0.360 |
| WNLU322522RV-6R8M | 6.80±20% | 7.96M | 0.17 | 0.260 |
| WNLU322522RV-100M | 10.0±20% | 2.52M | 0.20 | 0.250 |
| WNLU322522RV-220M | 22.0±20% | 2.52M | 0.40 | 0.140 |
| WNLU322522RV-330M | 33.0±20% | 2.52M | 0.65 | 0.095 |
| WNLU322522RV-470M | 47.0±20% | 2.52M | 0.85 | 0.090 |
| WNLU322522RV-680M | 68.0±20% | 2.52M | 1.30 | 0.070 |
| WNLU322522RV-101M | 100±20% | 0.796M | 2.20 | 0.055 |
| WNLU322522RV-151M | 150±20% | 0.796M | 2.90 | 0.050 |
| WNLU322522RV-221M | 220±20% | 0.796M | 5.10 | 0.040 |
| WNLU322522RV-331M | 330±20% | 0.796M | 6.80 | 0.035 |
| WNLU322522RV-471M | 470±20% | 0.796M | 14.50 | 0.030 |
| WNLU322522RV-681M | 680±20% | 0.796M | 18.50 | 0.025 |
| WNLU322522RV-102M | 1000±20% | 0.796M | 22.50 | 0.020 |