

Winding Type Chip Inductor

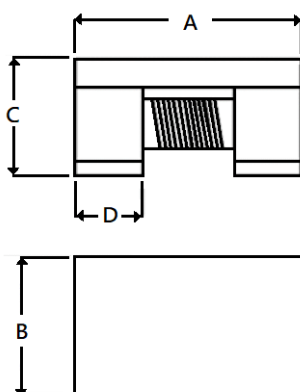
APO322530NV-SERIES

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-55~+150°C (Including self - temperature rise)
7. Inductor for use in-vehicle PoC (Power Over Coax)



2. Dimension



Size	A	B	C	D
APO322530	3.20±0.20	2.50±0.20	3.00±0.20	0.58±0.10

Unit:mm

3. Part Numbering



A: Series
 B: Dimension
 C: Application
 D: Category Code
 E: Inductance
 F: Inductance Tolerance

L x W x H
 V=Vehicle
 220=22.0uH
 M=±20%

4. Specification

Part number	Ls (μH) @100K/0.1V	DCR (Ohm)		SRF typ (MHz)	Isat(mA) Typ					Irms(mA) Typ		
		typ	max		25°C	85°C	105°C	125°C	140°C	25°C	85°C	125°C
APO322530NV-2R2M	2.2±20%	0.10	0.13	300	2200	1900	1700	1500	1300	1900	1730	1000
APO322530NV-6R8M	6.8±20%	0.20	0.24	120	1400	1000	930	800	700	1360	1230	800
APO322530NV-100M	10.0±20%	0.29	0.34	95	1100	850	760	660	560	1130	1020	570
APO322530NV-220M	22.0±20%	0.76	0.88	70	720	580	520	450	390	700	630	400

5. Soldering and Mounting

5-1. Recommended PC Board Pattern

Land Patterns For Reflow Soldering								
Series	Type	A(mm)	B(mm)	C(mm)	D(mm)	L(mm)	G(mm)	H(mm)
APO	322530	3.20±0.20	2.50±0.20	3.0±0.2.0	0.58±0.10.	3.80	2.20	2.80

