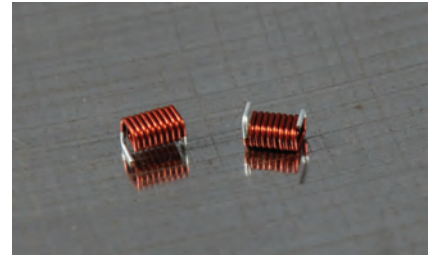
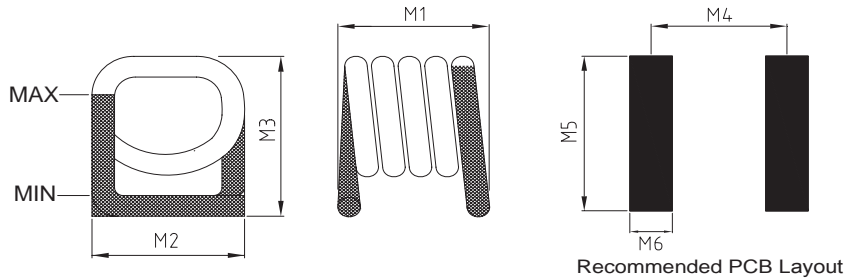




SMD Square Air Core Inductors SQAC2222



Dimensions: mm

Allied Part Number*	M1	M2	M3	M4	M5	M6
SQAC2222-90N_-RC	5.21±0.381	5.46±0.254	5.69±0.254	4.45	6.48	2.16
SQAC2222-111N_-RC	6.35±0.381	5.59±0.254	5.69±0.254	5.87	6.73	2.16
SQAC2222-131N_-RC	6.73±0.381	5.59±0.254	5.69±0.254	6.22	6.73	2.16
SQAC2222-161N_-RC	7.37±0.381	5.59±0.254	5.69±0.254	6.60	6.73	2.16
SQAC2222-181N_-RC	8.19±0.381	5.59±0.254	5.69±0.254	7.73	6.73	2.16
SQAC2222-221N_-RC	9.91±0.381	5.59±0.254	5.69±0.254	9.14	6.73	2.16
SQAC2222-271N_-RC	11.68±0.381	5.59±0.254	5.69±0.254	10.67	6.73	2.16
SQAC2222-301N_-RC	11.69±0.381	5.72±0.254	5.69±0.254	11.18	6.73	2.16

Allied Part Number*	Inductance (nh)	Tolerance	Q Typ.	Test Freq. (MHz)	SRF Min. (GHz)	DCR Max. (mΩ)	I _{rms} (A)
SQAC2222-90N_-RC	90	G, J	140	50	1.15	5.50	5.0
SQAC2222-111N_-RC	110	G, J	140	50	1.00	6.50	5.7
SQAC2222-131N_-RC	130	G, J	140	50	1.00	7.50	5.4
SQAC2222-161N_-RC	160	G, J	140	50	1.00	8.25	5.7
SQAC2222-181N_-RC	180	G, J	140	50	1.10	9.50	5.0
SQAC2222-221N_-RC	220	G, J	140	50	1.00	11.0	5.0
SQAC2222-271N_-RC	270	G, J	140	50	0.80	12.5	4.3
SQAC2222-301N_-RC	300	G, J	150	50	0.72	13.8	3.7

*To complete part number, insert tolerance designator: G = ±2% , J = ±5%
All specifications subject to change without notice.

Features

- Excellent for high Q applications
- High SRF's for high frequency applications
- High current capability
- Flat top cap for pick and place assembly
- RoHS & Halogen Free
- MSL Level 1

Electrical

Impedance range: 90nH to 300nH
Tolerance: available in 2% and 5%
Test Frequency: 400MHz
Operating Temp: -40°C to +125°C

Test Equipment

(L/Q): HP4291B with HP16193
(SRF): HP8753E or HP8720D

Physical

Packaging: 2000 per 7" Reel
Marking: None

RECOMMENDED REFLOW SOLDERING PROFILE

