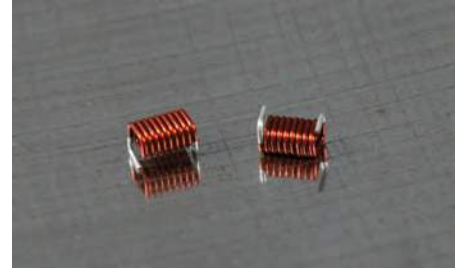
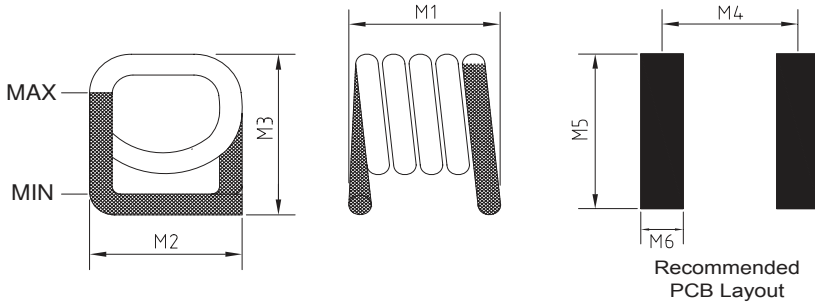




SMD Square Air Core Inductors

SQAC1515



Dimensions Unit: mm

Allied Part Number*	M1	M2	M3	M4	M5	M6
SQAC1515-47N_-RC	4.06±0.254	3.56±0.178	3.73±0.178	3.56	4.45	1.78
SQAC1515-68N_-RC	5.33±0.254	3.56±0.178	3.73±0.178	4.83	4.45	1.78
SQAC1515-82N_-RC	5.84±0.254	3.56±0.178	3.73±0.178	5.33	4.45	1.78

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

Allied Part Number*	Inductance (nH)	Tolerance	Q (Min)	Test Freq. (MHz)	SRF Min. (GHz)	DCR Max (mΩ)	I _{rms} (A)
SQAC1515-47N_-RC	47	G, J	230	400	1.87	6.35	4.9
SQAC1515-68N_-RC	68	G, J	230	400	2.13	8.60	5.5
SQAC1515-82N_-RC	82	G, J	230	400	1.79	9.40	5.6

Electrical

Impedance range: 47nH to 82nH
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

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

RECOMMENDED REFLOW SOLDERING PROFILE

