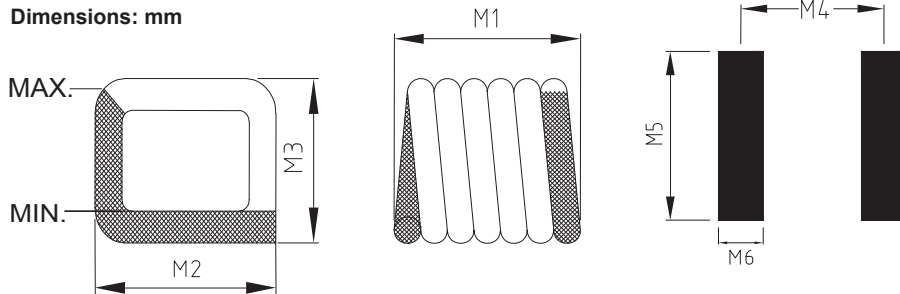




# SMD Square Air Core Inductors SQAC0806

Dimensions: mm



Allied Part Number	M1	M2	M3	M4	M5	M6
SQAC0806-5N5_RC	1.346±0.102	1.829±0.254	1.397±0.102	.962	2.6	0.51
SQAC0806-6N0_RC	1.295±0.102	1.829±0.254	1.397±0.102	1.02	2.6	0.51
SQAC0806-8N9_RC	1.626±0.152	1.829±0.254	1.397±0.102	1.32	2.6	0.51
SQAC0806-12N_RC	1.930±0.152	1.829±0.254	1.397±0.102	1.63	2.6	0.51
SQAC0806-16N_RC	2.286±0.152	1.829±0.254	1.397±0.102	1.96	2.6	0.51
SQAC0806-19N_RC	2.591±0.152	1.829±0.254	1.397±0.102	2.29	2.6	0.51

### 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:** 5.5nH to 19nH  
**Tolerance:** available in 5% & 10%  
**Test Frequency:** 400MHz  
**Operating Temp:** -40°C to +125°C

Allied Part Number	Turns	Inductance (nh)	Q Min.	Test Freq. (MHz)	SRF Min. (GHz)	DCR (mΩ) Max	Rated Current (A) Max
SQAC0806-5N5_RC	3	5.5	60	400	4.9	3.4	2.9
SQAC0806-6N0_RC	3	6.0	64	400	5.2	6.0	2.9
SQAC0806-8N9_RC	4	8.9	90	400	4.3	7.0	2.9
SQAC0806-12N_RC	5	12.3	90	400	4.8	8.0	2.9
SQAC0806-16N_RC	6	15.7	90	400	4.4	9.0	2.9
SQAC0806-19N_RC	7	19.4	90	400	4.0	10.0	2.9

### Test Equipment

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

### Physical

**Packaging:** 2000 per Tape and Reel  
**Marking:** None

\*To complete part number, insert tolerance designator: J = ±5%, K = ±10%  
 All specifications are subject to change without notice.

