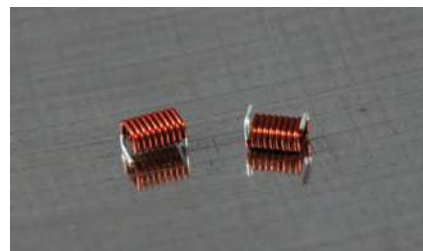
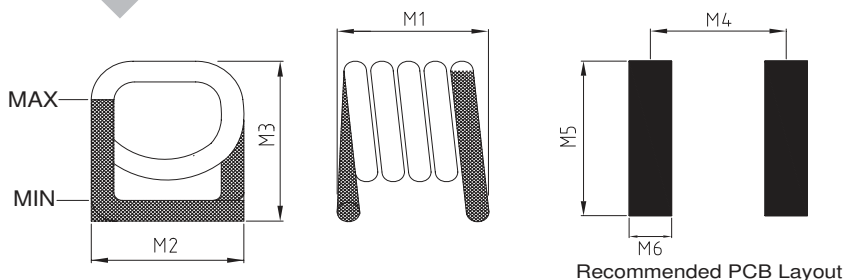




# SMD Square Air Core Inductors SQAC2929



**Dimensions: mm**

Allied Part Number*	M1	M2	M3	M4	M5	M6
SQAC2929-331N_-RC	10.29±0.381	7.49±0.254	7.24±0.254	9.53	8.26	2.29
SQAC2929-361N_-RC	11.30±0.381	7.49±0.254	7.24±0.254	10.54	8.26	2.29
SQAC2929-391N_-RC	12.32±0.381	7.49±0.254	7.24±0.254	11.56	8.26	2.29
SQAC2929-431N_-RC	13.21±0.381	7.49±0.254	7.24±0.254	12.45	8.26	2.29
SQAC2929-501N_-RC	14.00±0.381	7.49±0.254	7.24±0.254	13.21	8.26	2.29

**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 Typ.	Test Freq. (MHz)	SRF Min. (GHz)	DCR Max. (mΩ)	I <sub>rms</sub> (A)
SQAC2929-331N_-RC	330	G, J	180	50	.66	12.5	4.7
SQAC2929-361N_-RC	360	G, J	180	50	.62	13.5	4.5
SQAC2929-391N_-RC	390	G, J	180	50	.59	14.5	4.4
SQAC2929-431N_-RC	430	G, J	180	50	.55	15.5	4.2
SQAC2929-501N_-RC	500	G, J	180	50	.50	16.5	4.3

**Electrical**

**Impedance range:** 330nH to 500nH  
**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

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

**Physical**

**Packaging:** 2000 per 7" Reel  
**Marking:** None

**RECOMMENDED REFLOW SOLDERING PROFILE**

