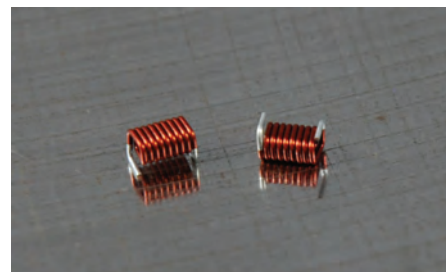




SMD Square Air Core Inductors SQAC2929



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: 330nH to 500nH

Tolerance: available in 5%

Test Frequency: 400Mhz

Operating Temp: -40°C to +125°C

Test Equipment

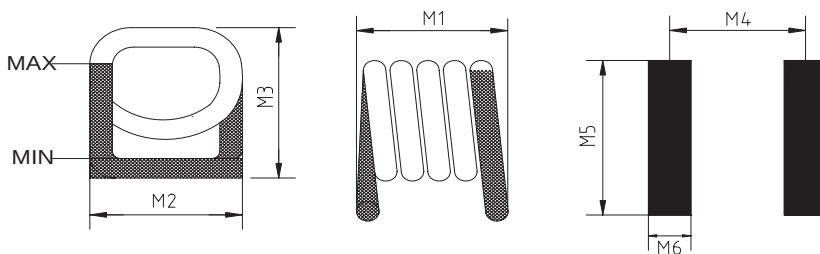
(L/Q): HP4291B with HP16193

(SRF): HP8753E or HP8720D

Physical

Packaging: 2000 per 7" Reel

Marking: None



Recommended patterns.

Dimensions: (Unit: 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	10.541	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

Allied Part Number	Inductance (nh)	Tolerance	Q Typ.	Test Freq. (MHz)	SRF Min. (GHz)	DCR Max. (mΩ)	I _{rms} (A)
SQAC2929-331N_-RC	330	G,J	180	50	.660	12.5	4.7
SQAC2929-361N_-RC	360	G,J	180	50	.620	13.5	4.5
SQAC2929-391N_-RC	390	G,J	180	50	.590	14.5	4.4
SQAC2929-431N_-RC	430	G,J	180	50	.550	15.5	4.2
SQAC2929-501N_-RC	500	G,J	180	50	.500	16.5	4.3

To complete part number insert tolerance designator: G=2%, J=5%

All specifications subject to change without notice.