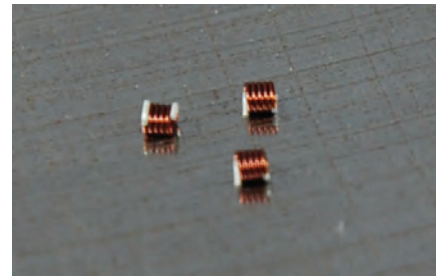




SMD Square Air Core Inductors SQAC0807



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: 6.9nH to 22nH

Tolerance: available in 5% & 10%

Test Frequency: 400Mhz

Operating Temp: -40°C to +125°C

Test Equipment

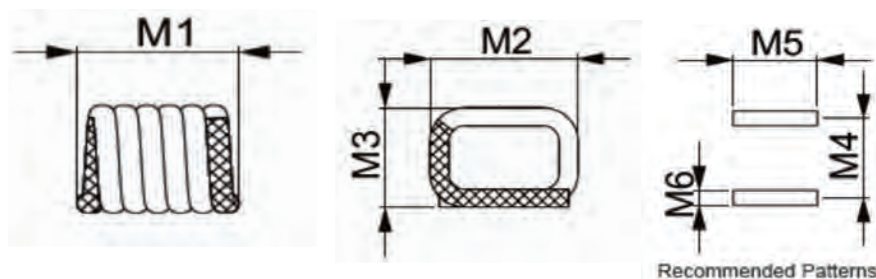
(L/Q): HP4291B with HP16193

(SRF): HP8753E or HP8720D

Physical

Packaging: 2000 per Tape and Reel

Marking: None



Dimensions: (Unit: mm)

Allied Part Number	M1	M2	M3	M4	M5	M6
SQAC0807-6N9()-RC	1.295±0.102	1.829±0.254	1.524±0.254	1.02	2.6	0.51
SQAC0807-10N()-RC	1.626±0.152	1.829±0.254	1.524±0.254	1.32	2.6	0.51
SQAC0807-11N()-RC	1.549±0.152	1.829±0.254	1.524±0.254	1.24	2.6	0.51
SQAC0807-14N()-RC	1.930±0.152	1.829±0.254	1.524±0.254	1.63	2.6	0.51
SQAC0807-17N()-RC	2.286±0.152	1.829±0.254	1.524±0.254	1.96	2.6	0.51
SQAC0807-22N()-RC	2.591±0.152	1.829±0.254	1.524±0.254	2.29	2.6	0.51

Allied Part Number	Turns	Inductance (nh)	Q Min.	Test Freq. (MHz)	SRF Min. (GHz)	DCR Max. (mΩ)	Rated Current (A) (Max.)
SQAC0807-6N9()-RC	3	6.9	100	400	4.6	6.0	2.7
SQAC0807-10N()-RC	4	10.2	100	400	4.0	7.0	2.7
SQAC0807-11N()-RC	4	11.2	90	400	3.6	6.3	2.7
SQAC0807-14N()-RC	5	13.7	100	400	4.3	8.0	2.7
SQAC0807-17N()-RC	6	17.0	100	400	4.0	9.0	2.7
SQAC0807-22N()-RC	7	22.0	100	400	3.5	10.0	2.7

To complete part number insert tolerance designator: J=±5%, K=±10%

All specifications subject to change without notice.