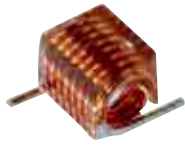


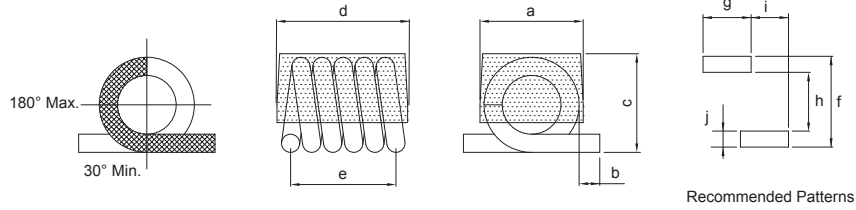
293A Series

■ SMD Air Wound Coil

MECHANICAL DIMENSIONS



293A



Recommended Patterns

unit: mm

Series	a	b	c	d	e
293A	3.81 (Max.)	1.53 ± 0.39	4.2 (Max.)	4.83 (Max.)	4.32 ± 0.39

LAND PATTERN

unit: mm

Series	f	g	h	i	j
293A	5.80	5.16	2.85	2.62	1.48

ELECTRICAL SPECIFICATION

Part Number	Turns	Inductance (nH)	Q (Min.)	Q (Typ.)	Test Freq (MHz)	DCR (mΩ) Max.	SRF (GHz) Min.	Rated Current (A) Max.
293A-22 □ -LRH	4	22	100	135	150	4.2	3.2	3.0
293A-27 □ -LRH	5	27	100	135	150	4.0	2.7	3.5
293A-33 □ -LRH	5	33	100	130	150	4.8	2.5	3.0
293A-39 □ -LRH	6	39	100	135	150	4.4	2.1	3.0
293A-47 □ -LRH	6	47	100	135	150	5.6	2.1	3.0
293A-56 □ -LRH	7	56	100	125	150	6.2	1.5	3.0
293A-68 □ -LRH	7	68	100	120	150	8.2	1.5	2.5
293A-82 □ -LRH	8	82	100	120	150	9.4	1.3	2.5
293A-100 □ -LRH	9	100	100	115	150	12.3	1.2	1.7
293A-120 □ -LRH	9	120	100	125	150	17.3	1.1	1.5

- Tolerance: G=±2% ; J=±5% ; K=±10%
- Test Equipment:
L/Q: HP-4291B With HP16193A test fixture or equivalent.
SRF: HP8753E or equivalent.
RDC: Chroma 16502 or equivalent.

- Operating temperature range: -40°C to +125°C
- For Temperature Rise: 15°C
- Storage Temp.: -40°C to +85°C
- MSL: Level 1

CHARACTERISTIC CURVE

293A Series

