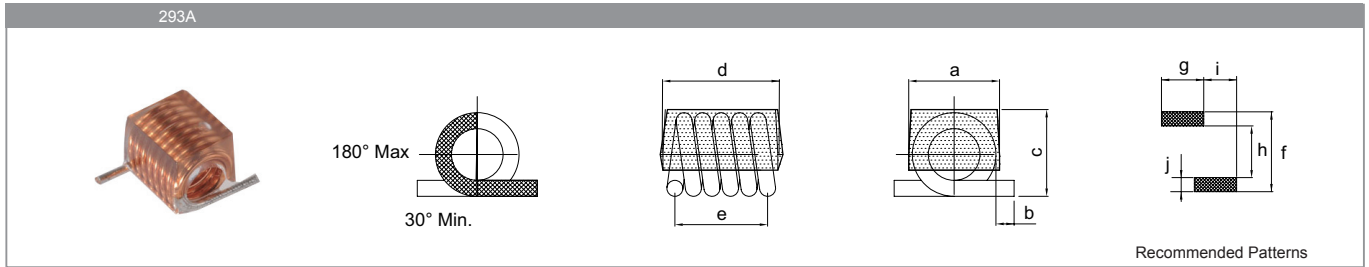


SMD AIR WOUND COIL

293A Series

Mechanical Dimensions (Unit: mm)



Series	a	b	c	d	e	f	g	h	i	j
293A	3.81 (Max.)	1.53±0.39	4.2 (Max.)	4.83 (Max.)	4.32±0.39	5.80	5.16	2.85	2.62	1.48

Electrical Specification

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

- a. Tolerance : G=± 2%, J : ± 5%, K : ± 10%
- b. Test Frequency : 150MHz.
- c. Test Equipment :
L/Q : HP-4291B With HP16193A test fixture or equivalent.
SRF : HP8753E or equivalent.
RDC : Chroma 16502 or equivalent.

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

Characteristic Curve

• 293A

