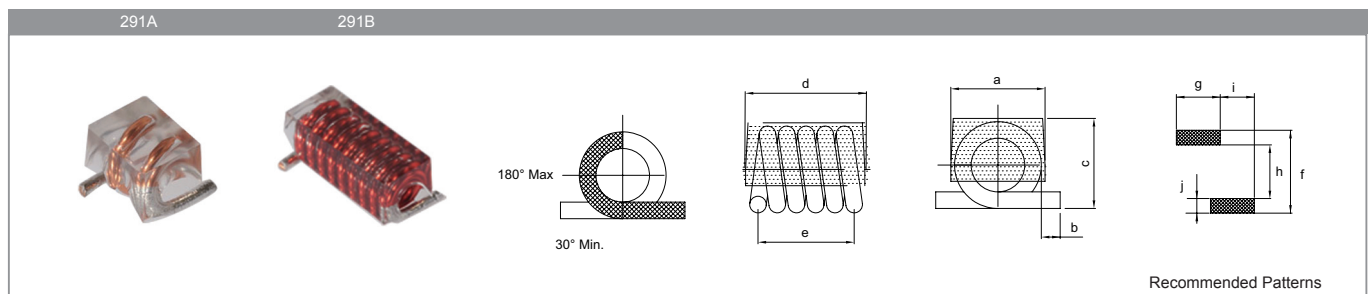


SMD AIR WOUND COIL

291A and 291B Series

■ Mechanical Dimensions (Unit: mm)



Series	a	b	c	d	e
291A	3.05 (Max)	0.58±0.38	3.18 (Max)	3.68 (Max)	2.92±0.25
291B	3.05 (Max)	0.58±0.38	3.18 (Max)	6.86 (Max)	5.84±0.25

■ Land Pattern: (Unit: mm)

Series	f	g	h	i	j
291A	4.19	3.30	1.65	2.79	1.27
291B	7.24	3.30	4.70	2.79	1.27

■ Electrical Specification

Part Number	Turns	Tolerance	Inductance (nH)	Q (Min)	Test Freq (MHz)	DCR (mΩ) Max	SRF (GHz) Min	Rated Current (A) Max
291A-01□-LRH	1	K	2.5	145	150	1.1	12.5	4.0
291A-02□-LRH	2	K,J	5.0	140	150	1.8	6.5	4.0
291A-03□-LRH	3	G,J	8.0	140	150	2.6	5.0	4.0
291A-04□-LRH	4	G,J	12.5	137	150	3.4	3.3	4.0
291A-05□-LRH	5	G,J	18.5	132	150	3.9	2.5	4.0
291B-06□-LRH	6	G,J	17.5	100	150	4.5	2.2	4.0
291B-07□-LRH	7	G,J	22.0	102	150	5.2	2.1	4.0
291B-08□-LRH	8	G,J	28.0	105	150	6.0	1.8	4.0
291B-09□-LRH	9	G,J	35.5	112	150	6.8	1.5	4.0
291B-10□-LRH	10	G,J	43.0	106	150	7.9	1.2	4.0

a. Tolerance : G:± 2%,J :± 5%, K : ± 10%

b. Test Equipment:

L/Q : HP-4291B With HP16193A test fixture or equivalent.

SRF : HP8753E or equivalent.

RDC : Chroma 16502 or equivalent..

c. Operating temperature range : -40°C to +125°C.

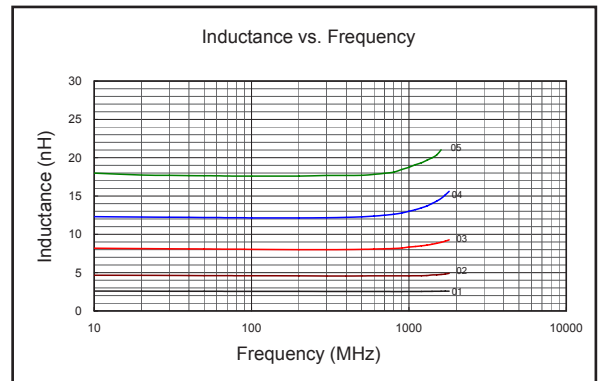
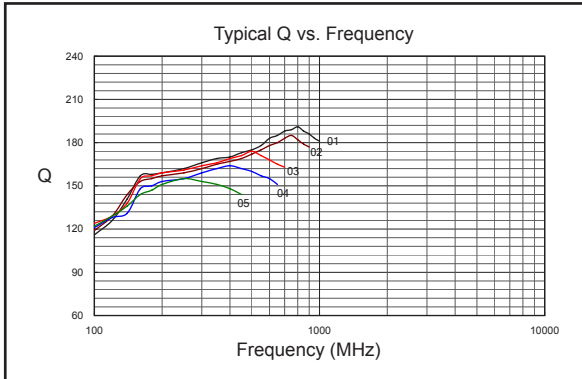
d. For Temperature Rise : 15°C

e. Storage Temp. : -40°C to +85°C.

f. MSL : Level 1

■ Characteristic Curve

• 291A



• 291B

