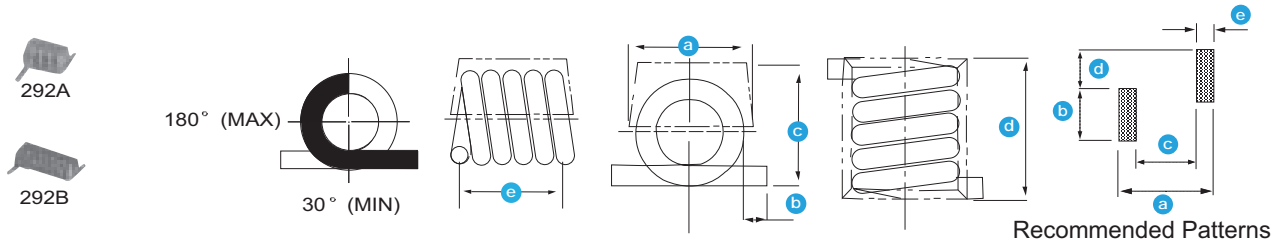


SMD AIR WOUND COILS

292A and 292B SERIES

Mechanical Dimensions (Unit: mm)



Mechanical Dimensions: (Unit: mm)

Series	a	b	c	d	e
292A	1.42±0.13	0.89±0.25	1.37±0.15	2.21±0.25	1.83±0.25
292B	1.42±0.13	0.89±0.25	1.37±0.15	4.04±0.30	3.66±0.30

Land Pattern: (Unit: mm)

Series	a	b	c	d	e
292A	2.62	2.46	1.04	1.02	0.79
292B	4.45	2.46	2.87	1.02	0.79

Electrical Specification:

Part Number	Turns	Tolerance	Inductance (nH)	Q (min)	Test Freq. (MHz)	DCR(mΩ) max.	SRF (GHz) min	Rated Current (A) max
292A-02	2	K	1.65	100	800	4.0	10.0	1.6
292A-03	3	K,J	2.55	100	800	5.0	8.2	1.6
292A-04	4	K,J	3.85	100	800	6.0	7.5	1.6
292A-05	5	G,J	5.45	100	800	8.0	7.0	1.6
292B-06	6	G,J	5.60	100	800	9.0	6.5	1.6
292B-07	7	G,J	7.15	100	800	10.0	6.0	1.6
292B-08	8	G,J	8.80	100	800	12.0	6.0	1.6
292B-09	9	G,J	9.85	100	800	13.0	5.2	1.6
292B-10	10	G,J	12.55	100	800	14.0	4.6	1.6

- a Tolerance: G=±2%, J=±5%, K=±10%.
- b Inductance & SRF measured on the HP4291B. with HP 16193 test fixture.
- c Operating Temp.: -40° C TO +125° C.
- d For Temperature Rise: 15° C.
- e SRF measured using the HP8753E, or HP8720D.

Characteristic Curve

