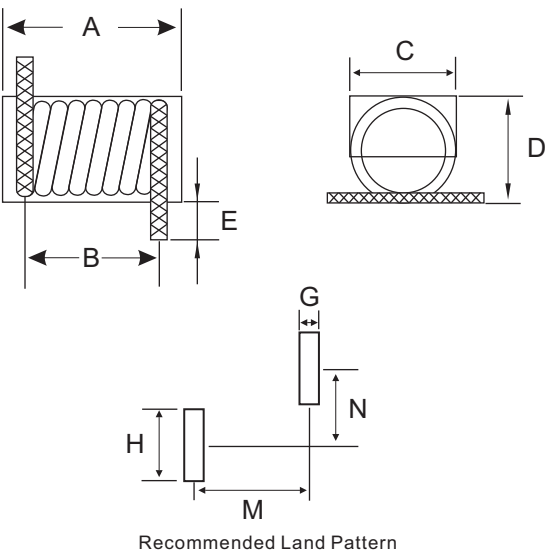
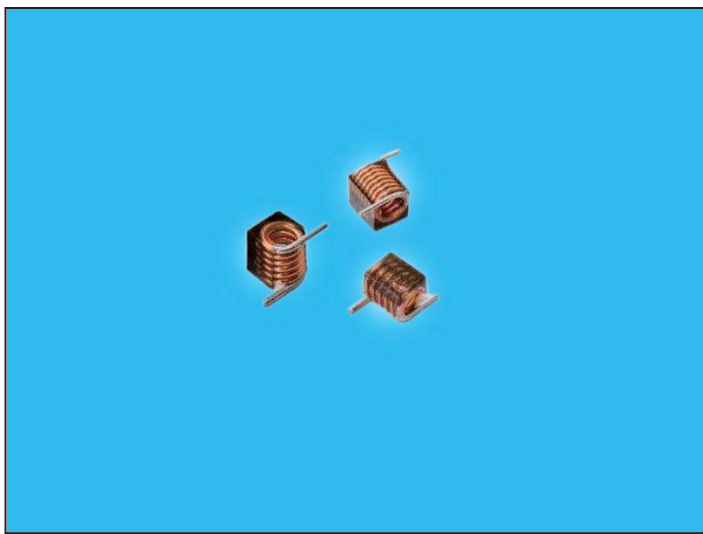


SMD Air Coil Inductor



Dimensions and Footprint (Unit:mm)

Type	A	B	C	D	E	M(Ref.)	N(Ref.)	H(Ref.)	G(Ref.)
ACR01	4.7±0.5	4.3±0.4	3.5±0.2	3.5±0.2	1.0±0.3	4.3	4.5	5.2	1.5
ACR02	8.5±0.5	8.0±0.5	4.4±0.3	4.6±0.4	1.3±0.4	8.0	5.7	4.7	2.1

Description

- Industry standard springs.
- High Q and current handling.
- RoHS Compliance.
- Solder coated leads ensure reliable soldering.
- Supplied on tape and reel.
- Applications: Cordless Phones,High Frequency Communication Equipments, Intercom, CATV, RFID.

Part Number Code

ACR01-22N-K

Series Name

Inductance

Dimensions

Electrical Specifications-ACR01

Part Number	Inductance (nH)	DCR (mΩ) (Max.)	IDC(A) (Max.)	SRF(GHz) (Min.)	Q(Min.)
ACR01-22N-K	22±10%	4.8	3.2	3.2	100
ACR01-27N-K	27±10%	4.6	3.5	2.7	100
ACR01-33N-K	33±10%	5.9	3.0	2.5	100
ACR01-39N-J	39±5%	5.6	2.8	2.1	100
ACR01-47N-J	47±5%	6.9	2.8	2.1	100
ACR01-56N-J	56±5%	6.4	2.9	1.5	100
ACR01-68N-J	68±5%	8.1	2.9	1.5	100
ACR01-82N-J	82±5%	8.9	2.6	1.3	100
ACR01-R10-J	100±5%	10.0	2.5	1.2	100
ACR01-R12-J	120±5%	11.0	2.2	1.1	100

Electrical Specifications-ACR02

Part Number	Inductance (nH)	DCR (mΩ) (Max.)	IDC(A) (Max.)	SRF(GHz) (Min.)	Q(Min.)
ACR02-90N-J	90±5%	14.0	3.5	1.0	100
ACR02-R111-J	111±5%	9.5	3.5	1.0	100
ACR02-R130-J	130±5%	10.8	3.0	0.9	100
ACR02-R169-J	169±5%	12.0	3.0	0.8	100
ACR02-R206-J	206±5%	10.5	3.0	0.7	100
ACR02-R222-J	222±5%	14.0	3.0	0.6	100
ACR02-R246-J	246±5%	17.0	3.0	0.6	100
ACR02-R307-J	307±5%	22.0	3.0	0.5	100
ACR02-R380-J	380±5%	25.5	2.5	0.5	100
ACR02-R422-J	422±5%	39.0	2.5	0.4	100
ACR02-R491-J	491±5%	40.0	2.0	0.4	100
ACR02-R538-J	538±5%	42.0	2.0	0.4	100
ACR02-R800-J	800±5%	100.0	1.0	0.3	80

- Test Conditions: 50MHz.
- Test Equipments: HP4191A or equivalent.