

## CT2214F & CT4015F Series From 1.65 nH to 12.55 nH



### CHARACTERISTICS

**Description:** SMD air coil inductor.

**Applications:** Designed to operate a wide frequency range application. Also designed to operate in high Q applications.

**Operating Temperature:** -40°C to 125°C

**Inductance Tolerance:** ±5%, ±10%

**Testing:** Inductance is tested on an HP4286A at 800MHz.

**Packaging:** Tape & Reel

**Miscellaneous:** **RoHS Compliant.**

**Additional Information:** Additional electrical & physical information available upon request.

**Samples available. See website for ordering information.**

### SPECIFICATIONS

Part numbers indicate inductance tolerance available.  
J = ±5%, K = ±10%

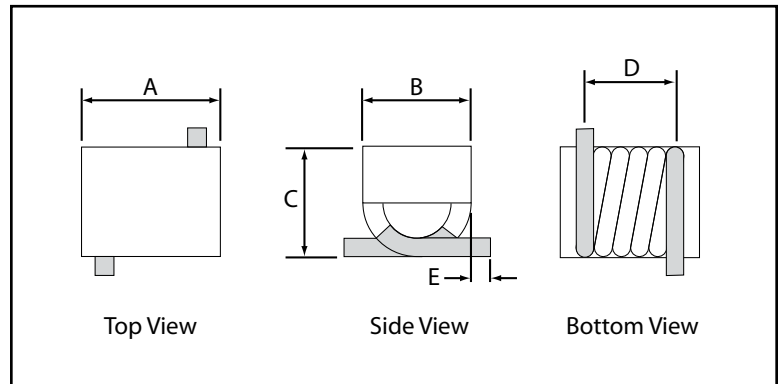
Part Number	Inductance (nH)	L Test Freq. (MHz)	Q Min.	SRF (GHz) Min.
CT2214F-02K	1.65	800	100	3.0
CT2214F-03K	2.55	800	100	3.0
CT2214F-04K	3.85	800	100	3.0
CT2214F-05J	5.45	800	100	3.0
CT4015F-06J	5.60	800	100	3.0
CT4015F-07J	7.15	800	100	3.0
CT4015F-08J	8.80	800	100	3.0
CT4015F-09J	9.85	800	100	3.0
CT4015F-10J	12.55	800	100	3.0

### PHYSICAL DIMENSIONS CT2214F SERIES

Size	A	B	C	D	E
mm	2.20±0.3	1.40±0.2	1.40±0.2	1.80±0.3	0.90±0.3
inches	0.09±0.012	0.05±0.008	0.05±0.008	0.07±0.012	0.03±0.012

### CT4015F SERIES

Size	A	B	C	D	E
mm	4.00±0.3	1.50±0.2	1.50±0.2	3.50±0.3	0.90±0.3
inches	0.16±0.012	0.06±0.008	0.06±0.008	0.14±0.012	0.03±0.012



### PAD LAYOUT

#### CT2214F SERIES

Size	F	G	H	I	J
mm	1.0	2.5	2.6	1.0	0.8
inches	0.04	0.10	0.102	0.04	0.03

#### CT4015F SERIES

Size	F	G	H	I	J
mm	1.0	2.5	4.5	2.9	0.8
inches	0.04	0.10	0.18	0.11	0.03

