

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

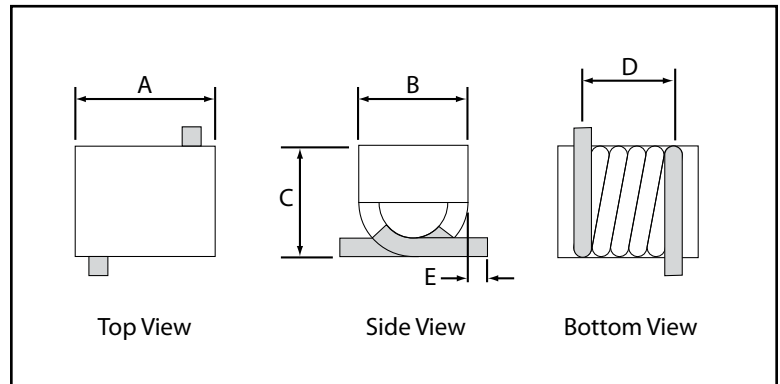
PHYSICAL DIMENSIONS

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

