

## CTSL1112F

### Series

From 1.0  $\mu\text{H}$  to 15,000  $\mu\text{H}$



### SPECIFICATIONS

Part numbers indicate inductance tolerance available.  
J =  $\pm 5\%$ , K =  $\pm 10\%$ , M =  $\pm 20\%$

Part Number	Inductance ( $\mu\text{H}$ )	Q Min.	L Test Freq. (KHz)	Q Test Freq. (_Hz)	DCR ( $\Omega$ ) Max.	SRF (MHz) Min.	Rated DC (A)
CTSL1112F-1R0M	1.0	15	1.0	7.96M	0.058	144	14
CTSL1112F-2R2M	2.2	15	1.0	7.96M	0.073	70	10
CTSL1112F-3R3M	3.3	10	1.0	7.96M	0.010	36	8.8
CTSL1112F-4R7M	4.7	10	1.0	7.96M	0.015	28	7.2
CTSL1112F-6R8M	6.8	10	1.0	7.96M	0.016	18	6.1
CTSL1112F-100M	10	20	1.0	2.52M	0.025	16	5
CTSL1112F-150M	15	20	1.0	2.52M	0.029	12	4.2
CTSL1112F-220K	22	20	1.0	2.52M	0.040	9.5	3.4
CTSL1112F-330K	33	30	1.0	2.52M	0.062	7	2.8
CTSL1112F-470K	47	30	1.0	2.52M	0.075	5.8	2.3
CTSL1112F-680K	68	20	1.0	2.52M	0.13	4.7	1.9
CTSL1112F-101K	100	20	1.0	796K	0.16	3.8	1.6
CTSL1112F-151K	150	20	1.0	796K	0.26	3.1	1.3
CTSL1112F-221K	220	20	1.0	796K	0.33	2.5	1.1
CTSL1112F-331K	330	20	1.0	796K	0.52	2	0.88
CTSL1112F-471K	470	10	1.0	796K	0.66	1.6	0.75
CTSL1112F-681K	680	10	1.0	796K	1.1	1.3	0.61
CTSL1112F-102J	1000	20	1.0	252K	1.4	1.1	0.51
CTSL1112F-152J	1500	30	1.0	252K	2.4	0.82	0.43
CTSL1112F-222J	2200	20	1.0	252K	3.2	0.76	0.35
CTSL1112F-332J	3300	30	1.0	252K	4.9	0.64	0.28
CTSL1112F-472J	4700	30	1.0	252K	7.6	0.54	0.24
CTSL1112F-682J	6800	30	1.0	252K	9.8	0.45	0.2
CTSL1112F-103J	10000	30	1.0	79.6K	18	0.38	0.17
CTSL1112F-153J	15000	50	1.0	79.6K	24	0.29	0.13

### CHARACTERISTICS

- Description:** Radial leaded (shielded) fixed inductor.
- Applications:** Televisions, DVD players, personal computers, and other electronic equipment.
- Rated Current:** Current at which the inductance value decreases 10% by the applied DC current measured at 1KHz.
- Shielding:** Ferrite shield.
- Operating Temp.:**  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- Inductance Tolerance:** J =  $\pm 5\%$ , K =  $\pm 10\%$ , M =  $\pm 20\%$
- Packaging:** Bulk.
- Marking:** Inductance code.
- Miscellaneous:** **RoHS Compliant.**
- Additional Information:** Additional electrical & physical information available upon request.
- Samples available. See website for ordering information.**

### PHYSICAL DIMENSIONS

Size	A	B	C	D	E
mm	11.2 $\pm$ 0.30	12.2 $\pm$ 0.30	5.0 $\pm$ 1.0	5.0 $\pm$ 0.50	0.65 $\pm$ 0.05
inches	0.44 $\pm$ 0.012	0.48 $\pm$ 0.012	0.197 $\pm$ 0.04	0.197 $\pm$ 0.02	0.025 $\pm$ 0.002

