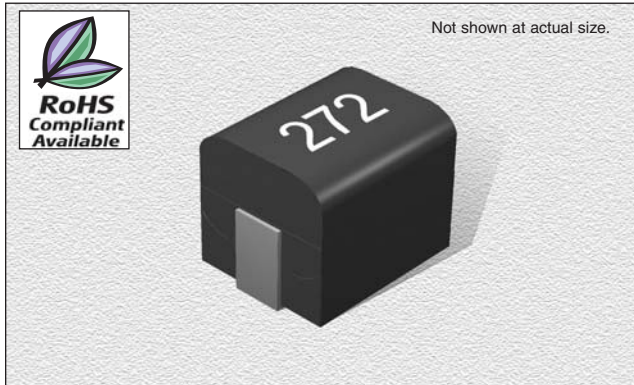


## CTMC2220 Series

From 1,200  $\mu\text{H}$  to 10,000  $\mu\text{H}$



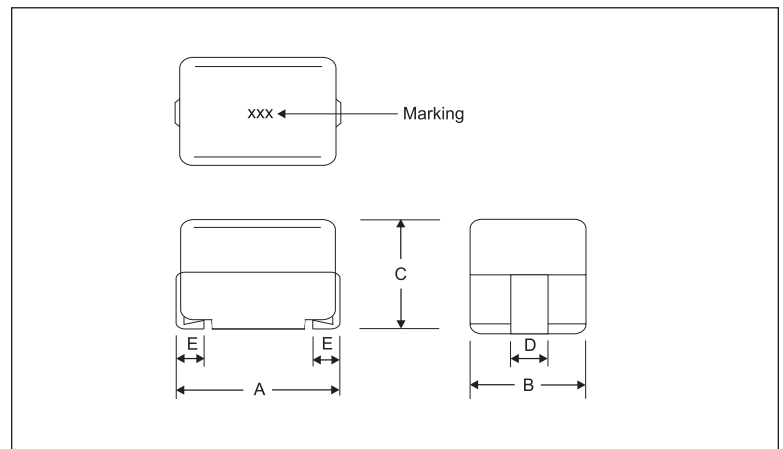
### SPECIFICATIONS

Please specify tolerance code when ordering.  
 CTMC2220-122\_ ← J =  $\pm 5\%$ , K =  $\pm 10\%$   
 CTMC2220E Please specify "F" for RoHS compliant

Part Number	Inductance ( $\mu\text{H}$ )	L Test Freq. (MHz)	Q Fact. Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. ( $\Omega$ )	Rated DC (mA)
CTMC2220_-122_	1200	.252	30	.252	1.5	17	75
CTMC2220_-152_	1500	.252	30	.252	1.4	20	70
CTMC2220_-182_	1800	.252	30	.252	1.3	30	60
CTMC2220_-222_	2200	.252	30	.252	1.2	35	55
CTMC2220_-272_	2700	.252	30	.252	1.1	55	45
CTMC2220_-332_	3300	.252	30	.252	1.0	60	40
CTMC2220_-392_	3900	.252	30	.252	1.0	70	38
CTMC2220_-472_	4700	.252	30	.252	0.9	78	36
CTMC2220_-562_	5600	.252	30	.252	0.8	85	33
CTMC2220_-682_	6800	.252	30	.252	0.7	110	30
CTMC2220_-822_	8200	.252	30	.252	0.6	125	28
CTMC2220_-103_	10000	.0796	20	.0796	0.5	150	25

### PHYSICAL DIMENSIONS

Size	A	B	C	D	E
mm	5.6 $\pm$ 0.3	5 $\pm$ 0.3	5 $\pm$ 0.3	2	1
inches	0.22 $\pm$ 0.011	0.19 $\pm$ 0.011	0.19 $\pm$ 0.011	0.078	0.039



### CHARACTERISTICS

**Description:** Ferrite core, wire-wound molded chip inductor

**Applications:** TV's, VCR's, disk drives, computer peripherals, telecommunication devices and electronic control boards for automobiles

**Operating Temperature:** -25°C to +85°C

**Inductance Tolerance:**  $\pm 5\%$ ,  $\pm 10\%$

**Testing:** Inductance and Q are tested on an HP4285A at specified frequency

**Packaging:** Tape & Reel

**Part Marking:** Inductance code or inductance code plus tolerance.

**Miscellaneous:** RoHS Compliant available.

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

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

05.31.07