

CTLQ2220CF

Series

From 0.12µH to 10,000µH



CHARACTERISTICS

Description: SMD wire-wound chip inductors

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters.

Operating Temperature: -40°C to +85°C

Inductance Tolerance: ±20%

Packaging: Tape & Reel.

Testing: Inductance is tested on an HP4284A at specified frequency.

Miscellaneous: **RoHS Compliant.**

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

Samples available. See website for ordering information.

SPECIFICATIONS

Part are available in ±20% inductance tolerance only.

Part Number	Inductance (µH ±20%)	L Test Freq. (Hz)	DCR Max. (Ω)	SRF Min. (MHz)	Allowable Current (mA)
CTLQ2220CF-R12M	0.12	1M	.0098	450	6.0
CTLQ2220CF-R27M	0.27	1M	.014	300	5.3
CTLQ2220CF-R47M	0.47	1M	.0182	200	4.8
CTLQ2220CF-1R0M	1.0	1M	.045	150	4.0
CTLQ2220CF-1R5M	1.5	1M	.031	110	3.7
CTLQ2220CF-2R2M	2.2	1M	.041	80	3.2
CTLQ2220CF-3R3M	3.3	1M	.05	40	2.9
CTLQ2220CF-4R7M	4.7	1M	.0574	30	2.7
CTLQ2220CF-6R8M	6.8	1M	.104	25	2.0
CTLQ2220CF-100M	10	1M	.130	20	1.7
CTLQ2220CF-150M	15	1M	.21	17	1.4
CTLQ2220CF-220M	22	1M	.266	15	1.2
CTLQ2220CF-330M	33	1M	.448	12	0.9
CTLQ2220CF-470M	47	1M	.56	10	0.8
CTLQ2220CF-680M	68	1M	.938	7.6	.64
CTLQ2220CF-101M	100	100k	1.204	6.5	.56
CTLQ2220CF-151M	150	100k	2.660	5.0	.42
CTLQ2220CF-221M	220	100k	3.36	4.0	.32
CTLQ2220CF-331M	330	100k	6.16	3.1	.27
CTLQ2220CF-471M	470	100k	7.56	2.4	.24
CTLQ2220CF-681M	680	100k	11.34	1.9	.19
CTLQ2220CF-102M	1000	10k	14.42	1.7	.15
CTLQ2220CF-222M	2200	10k	30.1	1.2	.10
CTLQ2220CF-472M	4700	10k	61.04	.8	.07
CTLQ2220CF-103M	10000	10k	140	.5	.05

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F Min.	G Min.
mm	5.7±0.3	4.7±0.3	5.0±0.3	5.0±0.3	5.0±0.3	1.3	1.7
inches	0.22±0.01	0.19±0.01	0.20±0.01	0.20±0.01	0.20±0.01	0.05	0.07

