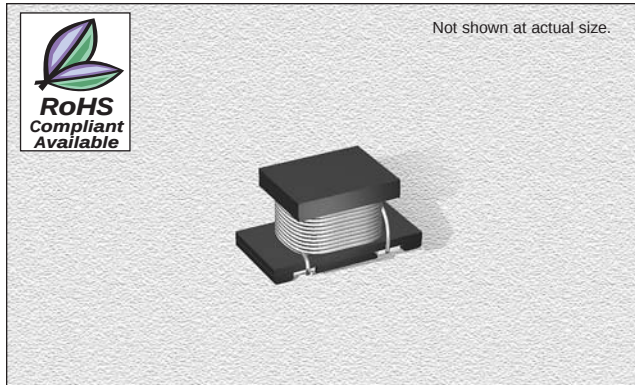


CTLQ1210L Series

From .15 μ H to 100 μ H



CHARACTERISTICS

Description: SMD power inductor

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

Operating Temperature: -25°C to +85°C

Inductance Tolerance: K = $\pm 10\%$ & M = $\pm 20\%$

Packaging: Tape & Reel

Miscellaneous: RoHS Compliant available.

Testing: Tested on a HP4285A @ specified frequency

Pads: Soft copper and pre-tinned

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

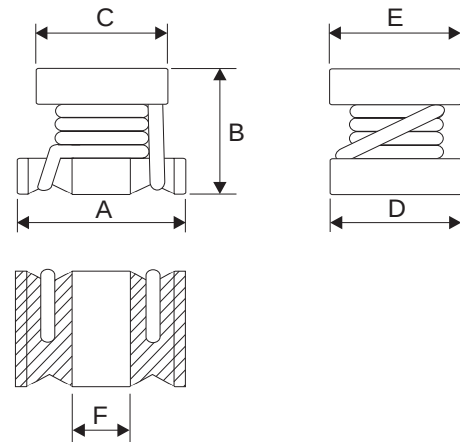
SPECIFICATIONS

Please specify tolerance code when ordering.
CTLQ1210L-100_ $\leftarrow$ K = $\pm 10\%$, M = $\pm 20\%$
CTLQ1210LE Please specify "F" for RoHS Compliant

Part Number	Inductance (μ H)	Test Freq. (MHz)	DCR (Ω) $\pm 30\%$	SRF (MHz) Min.	Rated DC (mA) Max.
CTLQ1210L_-R15M	.15	1.0	0.028	400	1450
CTLQ1210L_-R27M	.27	1.0	0.034	250	1250
CTLQ1210L_-R47M	.47	1.0	0.042	150	1100
CTLQ1210L_-1R0M	1.0	1.0	0.060	100	1000
CTLQ1210L_-2R2M	2.2	1.0	0.097	64	790
CTLQ1210L_-4R7M	4.7	1.0	0.15	43	650
CTLQ1210L_-100_	10	1.0	0.30	26	450

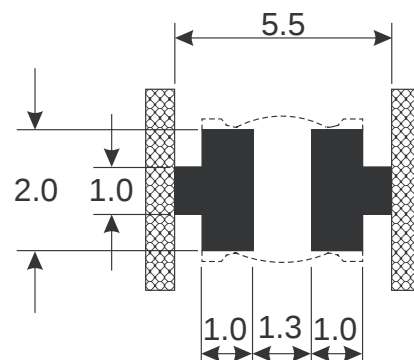
PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F Min.
mm	3.2 $\pm$ 0.3	2.0 $\pm$ 0.2	2.5 $\pm$ 0.2	2.5 $\pm$ 0.2	2.5 $\pm$ 0.2	0.7
inches	0.13 $\pm$ 0.01	0.08 $\pm$ 0.008	0.10 $\pm$ 0.008	0.10 $\pm$ 0.008	0.10 $\pm$ 0.008	0.03



LAND PATTERN

Unit:mm



01.16.06