

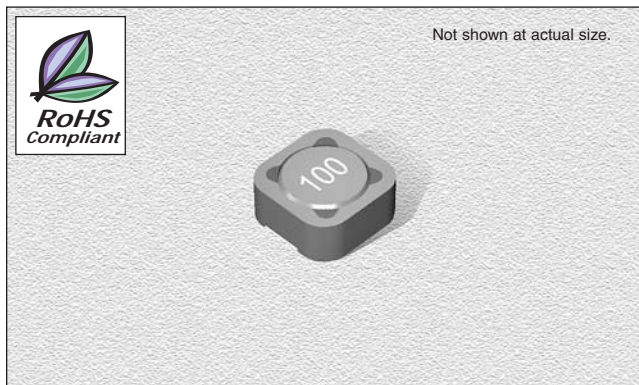
CTCDRH73CF Series

From 10 μH to 1,000 μH

SPECIFICATIONS

Parts are available in $\pm 20\%$ tolerance only.

*Indicates the current when the inductance decreases to 75% over its nominal value of DC current when the temperature rising $\Delta T=40^\circ\text{C}$ lower, whichever is lower.



CHARACTERISTICS

Description: SMD (shielded) power inductor

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

Operating Temperature: -40°C to $+125^\circ\text{C}$

Inductance Tolerance: $\pm 20\%$

Testing: Inductance is tested on an HP4284A at 1.0 kHz, 0.25V

Packaging: Tape & Reel

Marking: Parts are marked with inductance code

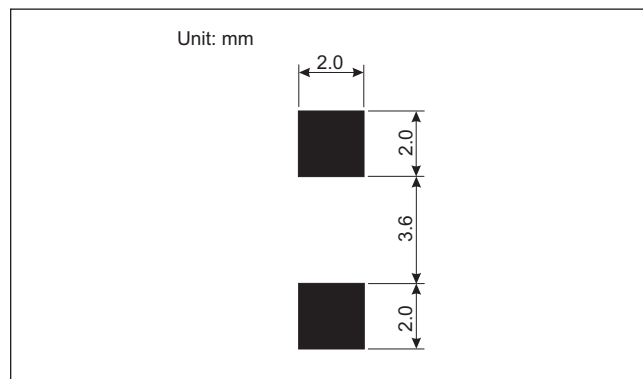
Miscellaneous: Magnetically shielded

Miscellaneous: RoHS Compliant.

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

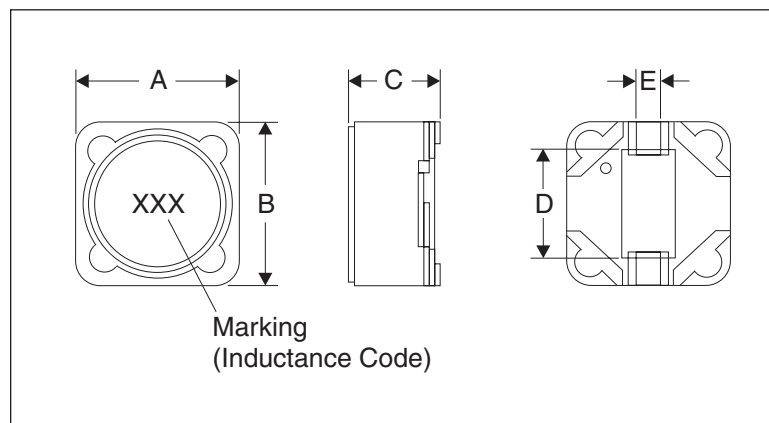
PAD LAYOUT



Part Number	Inductance (μH)	L Test Freq. (kHz)	DCR Max. (Ω)	*IDC Max. (A)
CTCDRH73CF-100M	10	1.0	0.072	1.68
CTCDRH73CF-120M	12	1.0	0.098	1.52
CTCDRH73CF-150M	15	1.0	0.13	1.33
CTCDRH73CF-180M	18	1.0	0.14	1.20
CTCDRH73CF-220M	22	1.0	0.19	1.07
CTCDRH73CF-270M	27	1.0	0.21	0.96
CTCDRH73CF-330M	33	1.0	0.24	0.91
CTCDRH73CF-390M	39	1.0	0.32	0.77
CTCDRH73CF-470M	47	1.0	0.36	0.76
CTCDRH73CF-560M	56	1.0	0.47	0.68
CTCDRH73CF-680M	68	1.0	0.52	0.61
CTCDRH73CF-820M	82	1.0	0.69	0.57
CTCDRH73CF-101M	100	1.0	0.79	0.50
CTCDRH73CF-121M	120	1.0	0.89	0.49
CTCDRH73CF-151M	150	1.0	1.29	0.43
CTCDRH73CF-181M	180	1.0	1.45	0.39
CTCDRH73CF-221M	220	1.0	1.65	0.35
CTCDRH73CF-271M	270	1.0	2.31	0.32
CTCDRH73CF-331M	330	1.0	2.62	0.28
CTCDRH73CF-391M	390	1.0	2.94	0.26
CTCDRH73CF-471M	470	1.0	4.18	0.24
CTCDRH73CF-561M	560	1.0	4.67	0.22
CTCDRH73CF-681M	680	1.0	5.73	0.19
CTCDRH73CF-821M	820	1.0	6.54	0.18
CTCDRH73CF-102M	1000	1.0	9.44	0.16

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D	E
mm	7.8	7.8	3.5	3.9 \pm 0.5	1.5 \pm 0.5
inches	0.31	0.31	0.14	0.154 \pm 0.02	0.059 \pm 0.02



12.02.11

Manufacturer of Inductors, Chokes, Coils, Beads, Transformers & Toroids

800-684-5322 Inside US 949-453-1811 Outside US

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