

CTCDRH73CF Series

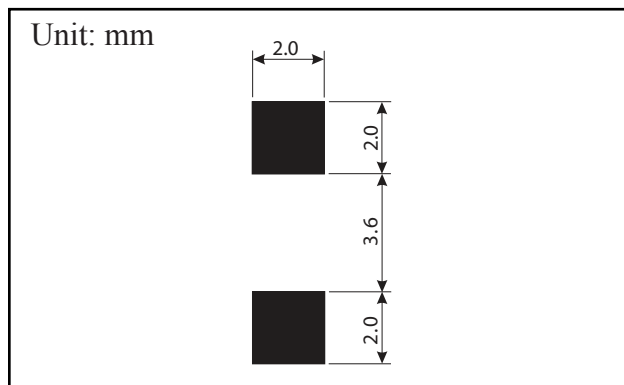
From 10 μ H to 1,000 μ H



CHARACTERISTICS

- Description:** SMD (shielded) power inductor
- Applications:** Power supplies for OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.
- Operating Temperature:** -40°C to +125°C
- Inductance Tolerance:** $\pm 20\%$
- Testing:** Inductance is tested on an HP4284A at 1.0kHz, 0.25V
- Packaging:** Tape & Reel
- Marking:** Parts are marked with inductance code
- Miscellaneous:** RoHS Compliant
- Additional Information:** Additional electrical and physical information available upon request
- Samples available. See website for ordering information.**

PAD LAYOUT



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.

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	1.2
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	0.5
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

