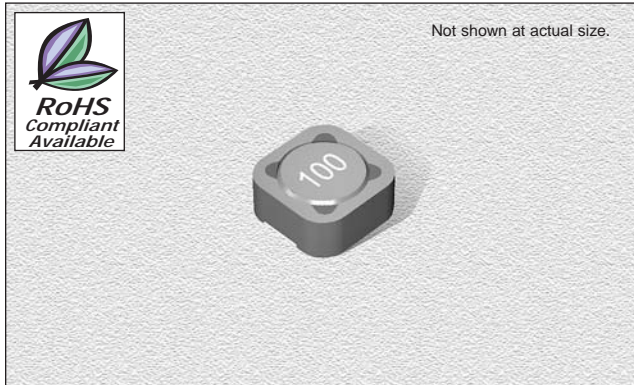


# CTCDRH73C Series

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

## 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.  
 CTCDRH73CE Please specify "F" for RoHS Compliant



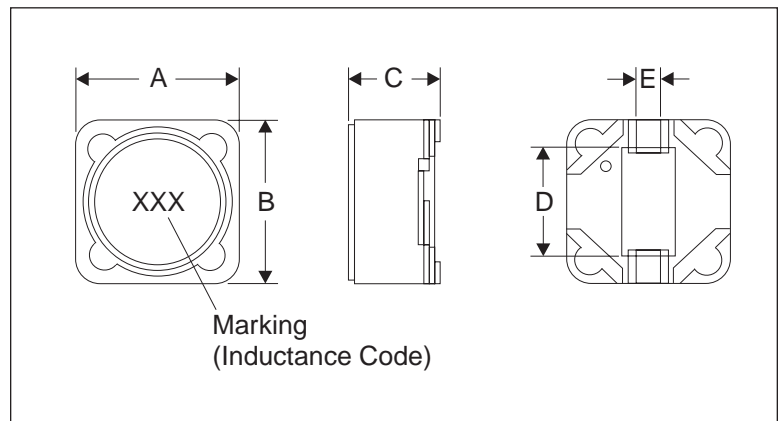
Part Number	Inductance ( $\mu\text{H}$ )	L Test Freq. (kHz)	DCR Max. ( $\Omega$ )	*IDC Max. (A)
CTCDRH73C_-100M	10	1.0	0.072	1.68
CTCDRH73C_-120M	12	1.0	0.098	1.52
CTCDRH73C_-150M	15	1.0	0.13	1.33
CTCDRH73C_-180M	18	1.0	0.14	1.20
CTCDRH73C_-220M	22	1.0	0.19	1.07
CTCDRH73C_-270M	27	1.0	0.21	0.96
CTCDRH73C_-330M	33	1.0	0.24	0.91
CTCDRH73C_-390M	39	1.0	0.32	0.77
CTCDRH73C_-470M	47	1.0	0.36	0.76
CTCDRH73C_-560M	56	1.0	0.47	0.68
CTCDRH73C_-680M	68	1.0	0.52	0.61
CTCDRH73C_-820M	82	1.0	0.69	0.57
CTCDRH73C_-101M	100	1.0	0.79	0.50
CTCDRH73C_-121M	120	1.0	0.89	0.49
CTCDRH73C_-151M	150	1.0	1.29	0.43
CTCDRH73C_-181M	180	1.0	1.45	0.39
CTCDRH73C_-221M	220	1.0	1.65	0.35
CTCDRH73C_-271M	270	1.0	2.31	0.32
CTCDRH73C_-331M	330	1.0	2.62	0.28
CTCDRH73C_-391M	390	1.0	2.94	0.26
CTCDRH73C_-471M	470	1.0	4.18	0.24
CTCDRH73C_-561M	560	1.0	4.67	0.22
CTCDRH73C_-681M	680	1.0	5.73	0.19
CTCDRH73C_-821M	820	1.0	6.54	0.18
CTCDRH73C_-102M	1000	1.0	9.44	0.16

## CHARACTERISTICS

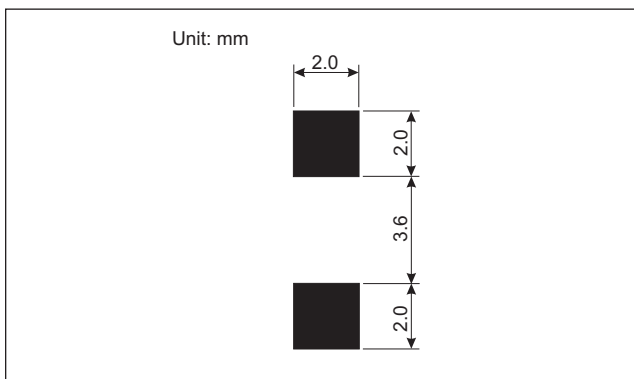
- Description:** SMD (shielded) power inductor
- Applications:** Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.
- Operating Temperature:**  $-40^\circ\text{C}$  to  $+85^\circ\text{C}$
- Inductance Tolerance:**  $\pm 20\%$
- 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 available
- Additional Information:** Additional electrical & physical information available upon request
- Samples available.** See website for ordering information.

## 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



## PAD LAYOUT



06.22.05