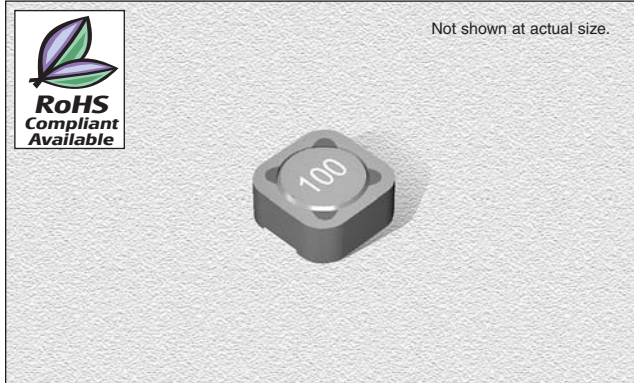


# CTCDRH73 Series

## From 10 $\mu$ H to 1,000 $\mu$ H

### ENGINEERING KIT #24F



### 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:** -25°C to +80°C
- Inductance Tolerance:**  $\pm 5\%$ ,  $\pm 10\%$ ,  $\pm 15\%$ ,  $\pm 20\%$ ,  $\pm 30\%$
- Testing:** Inductance is tested on an HP4284A at 1.0 kHz
- 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.**

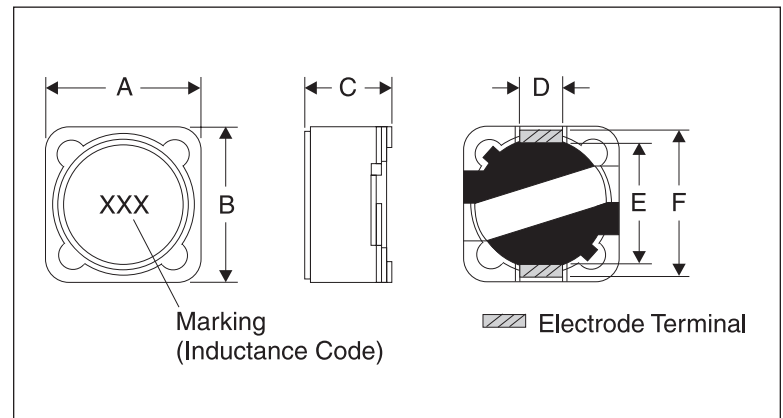
### SPECIFICATIONS

Please specify tolerance code when ordering.  
 CTCDRH73-100\_ ← J =  $\pm 5\%$ , K =  $\pm 10\%$  L =  $\pm 15\%$   
 M =  $\pm 20\%$ , N =  $\pm 30\%$   
 CTCDRH73E Please specify "F" for RoHS Compliant

Part Number	Inductance ( $\mu$ H)	L Test Freq. (kHz)	DCR Max. ( $\Omega$ )	IDC Max. (A)
CTCDRH73_-100_	10	1.0	.07	1.7
CTCDRH73_-120_	12	1.0	.10	1.5
CTCDRH73_-150_	15	1.0	.13	1.3
CTCDRH73_-180_	18	1.0	.14	1.2
CTCDRH73_-220_	22	1.0	.19	1.1
CTCDRH73_-270_	27	1.0	.21	1.0
CTCDRH73_-330_	33	1.0	.24	.96
CTCDRH73_-390_	39	1.0	.32	.77
CTCDRH73_-470_	47	1.0	.36	.76
CTCDRH73_-560_	56	1.0	.47	.68
CTCDRH73_-680_	68	1.0	.52	.61
CTCDRH73_-820_	82	1.0	.69	.57
CTCDRH73_-101_	100	1.0	.79	.50
CTCDRH73_-121_	120	1.0	.89	.49
CTCDRH73_-151_	150	1.0	1.3	.43
CTCDRH73_-181_	180	1.0	1.5	.39
CTCDRH73_-221_	220	1.0	1.7	.35
CTCDRH73_-271_	270	1.0	2.3	.32
CTCDRH73_-331_	330	1.0	2.6	.28
CTCDRH73_-391_	390	1.0	2.9	.26
CTCDRH73_-471_	470	1.0	4.2	.24
CTCDRH73_-561_	560	1.0	4.7	.22
CTCDRH73_-681_	680	1.0	5.7	.19
CTCDRH73_-821_	820	1.0	6.5	.18
CTCDRH73_-102_	1000	1.0	9.4	.16

### PHYSICAL DIMENSIONS

Size	A	B	C Max.	D	E	F
mm	7.3 $\pm$ 0.5	7.3 $\pm$ 0.5	3.5	1.8 $\pm$ 0.5	5.4 $\pm$ 0.5	7.2 $\pm$ 0.5
inches	0.3 $\pm$ 0.02	0.3 $\pm$ 0.02	0.14	0.07 $\pm$ 0.02	0.21 $\pm$ 0.02	0.28 $\pm$ 0.02



05.18.06