# CTCDRH73F Series

## From 10µH to 1,000µH

**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:** ±20%
**Testing:** Inductance is tested on an HP4284A at 1.0kHz
**Packaging:** Tape & Reel
**Marking:** Parts are marked with inductance code
**Miscellaneous:** RoHS Compliant. Magnetically shielded
**Additional Information:** Additional electrical & physical information available upon request
**Samples available. See website for ordering information.**

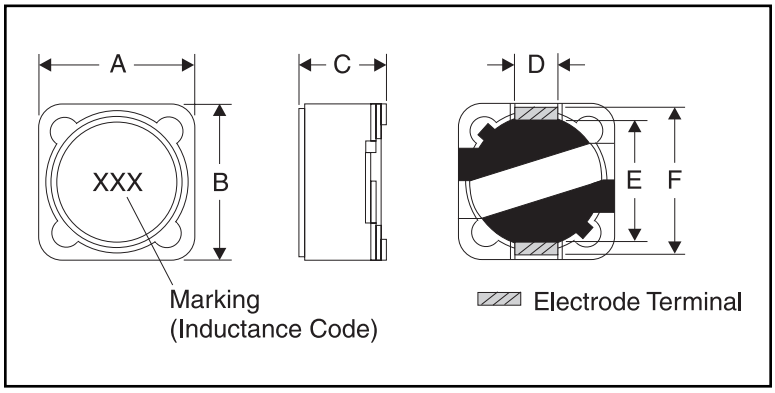
## SPECIFICATIONS

**Parts are available in ±20% inductance tolerance.**

| Part Number | Inductance (µH) | L Test Freq. (KHz) | DCR Max. (Ω) | IDC Max. (A) |
|---|---|---|---|---|
| CTCDRH73F-100M | 10 | 1.0 | .07 | 1.7 |
| CTCDRH73F-120M | 12 | 1.0 | .10 | 1.5 |
| CTCDRH73F-150M | 15 | 1.0 | .13 | 1.3 |
| CTCDRH73F-180M | 18 | 1.0 | .14 | 1.2 |
| CTCDRH73F-220M | 22 | 1.0 | .19 | 1.1 |
| CTCDRH73F-270M | 27 | 1.0 | .21 | 1.0 |
| CTCDRH73F-330M | 33 | 1.0 | .24 | .96 |
| CTCDRH73F-390M | 39 | 1.0 | .32 | .77 |
| CTCDRH73F-470M | 47 | 1.0 | .36 | .76 |
| CTCDRH73F-560M | 56 | 1.0 | .47 | .68 |
| CTCDRH73F-680M | 68 | 1.0 | .52 | .61 |
| CTCDRH73F-820M | 82 | 1.0 | .69 | .57 |
| CTCDRH73F-101M | 100 | 1.0 | .79 | .50 |
| CTCDRH73F-121M | 120 | 1.0 | .89 | .49 |
| CTCDRH73F-151M | 150 | 1.0 | 1.3 | .43 |
| CTCDRH73F-181M | 180 | 1.0 | 1.5 | .39 |
| CTCDRH73F-221M | 220 | 1.0 | 1.7 | .35 |
| CTCDRH73F-271M | 270 | 1.0 | 2.3 | .32 |
| CTCDRH73F-331M | 330 | 1.0 | 2.6 | .28 |
| CTCDRH73F-391M | 390 | 1.0 | 2.9 | .26 |
| CTCDRH73F-471M | 470 | 1.0 | 4.2 | .24 |
| CTCDRH73F-561M | 560 | 1.0 | 4.7 | .22 |
| CTCDRH73F-681M | 680 | 1.0 | 5.7 | .19 |
| CTCDRH73F-821M | 820 | 1.0 | 6.5 | .18 |
| CTCDRH73F-102M | 1000 | 1.0 | 9.4 | .16 |

## PHYSICAL DIMENSIONS

| Size | A | B | C Max. | D | E | F |
|---|---|---|---|---|---|---|
| mm | 7.3±0.5 | 7.3±0.5 | 3.5 | 1.8±0.5 | 5.4±0.5 | 7.2±0.5 |
| inches | 0.3±0.02 | 0.3±0.02 | 0.14 | 0.07±0.02 | 0.21±0.02 | 0.28±0.02 |





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