

查询"CTCDRH73CE-270M"供应商

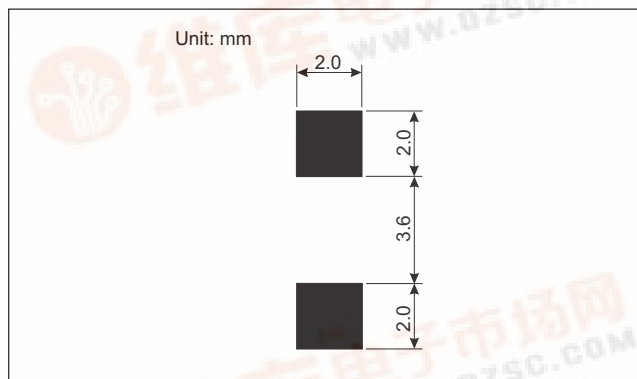
## CTCDRH73C Series

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

## 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 +85°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.

## 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.

CTCDRH73CE Please specify "F" for RoHS Compliant

| Part Number     | Inductance ( $\mu$ 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          |

## 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 |

