

查询"CTCDRH74BF-181M"供应商

## CTCDRH74B 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**Packaging:** Tape & Reel**Marking:** Parts are marked with inductance code**Miscellaneous:** RoHS Compliant available. Magnetically shielded**Additional Information:** Additional electrical & physical information available upon request**Samples available.** See website for ordering information.

## SPECIFICATIONS

Parts are available in  $\pm 20\%$  tolerance only.  
CTCDRH74BF Please specify "F" for RoHS compliant

| Part Number     | Inductance ( $\mu$ H) | L Test Freq. (kHz) | DCR Max. ( $\Omega$ ) | IDC Max. (A) |
|-----------------|-----------------------|--------------------|-----------------------|--------------|
| CTCDRH74B_-100M | 10                    | 1.0                | .05                   | 1.9          |
| CTCDRH74B_-120M | 12                    | 1.0                | .06                   | 1.7          |
| CTCDRH74B_-150M | 15                    | 1.0                | .08                   | 1.5          |
| CTCDRH74B_-180M | 18                    | 1.0                | .09                   | 1.3          |
| CTCDRH74B_-220M | 22                    | 1.0                | .11                   | 1.2          |
| CTCDRH74B_-270M | 27                    | 1.0                | .15                   | 1.1          |
| CTCDRH74B_-330M | 33                    | 1.0                | .17                   | .96          |
| CTCDRH74B_-390M | 39                    | 1.0                | .23                   | .91          |
| CTCDRH74B_-470M | 47                    | 1.0                | .26                   | .88          |
| CTCDRH74B_-560M | 56                    | 1.0                | .35                   | .75          |
| CTCDRH74B_-680M | 68                    | 1.0                | .38                   | .69          |
| CTCDRH74B_-820M | 82                    | 1.0                | .43                   | .61          |
| CTCDRH74B_-101M | 100                   | 1.0                | .61                   | .60          |
| CTCDRH74B_-121M | 120                   | 1.0                | .66                   | .52          |
| CTCDRH74B_-151M | 150                   | 1.0                | .88                   | .46          |
| CTCDRH74B_-181M | 180                   | 1.0                | .98                   | .42          |
| CTCDRH74B_-221M | 220                   | 1.0                | 1.2                   | .36          |
| CTCDRH74B_-271M | 270                   | 1.0                | 1.6                   | .34          |
| CTCDRH74B_-331M | 330                   | 1.0                | 1.9                   | .32          |
| CTCDRH74B_-391M | 390                   | 1.0                | 2.9                   | .29          |
| CTCDRH74B_-471M | 470                   | 1.0                | 3.0                   | .26          |
| CTCDRH74B_-561M | 560                   | 1.0                | 3.6                   | .23          |
| CTCDRH74B_-681M | 680                   | 1.0                | 4.6                   | .22          |
| CTCDRH74B_-821M | 820                   | 1.0                | 5.2                   | .20          |
| CTCDRH74B_-102M | 1000                  | 1.0                | 6.0                   | .18          |

## PHYSICAL DIMENSIONS

| Size   | A Max. | B Max. | C Max. | D                | E                |
|--------|--------|--------|--------|------------------|------------------|
| mm     | 7.5    | 7.5    | 4.5    | 2.7 $\pm$ 0.2    | 5.1 $\pm$ 0.2    |
| inches | 0.3    | 0.3    | 0.18   | 0.11 $\pm$ 0.008 | 0.20 $\pm$ 0.008 |