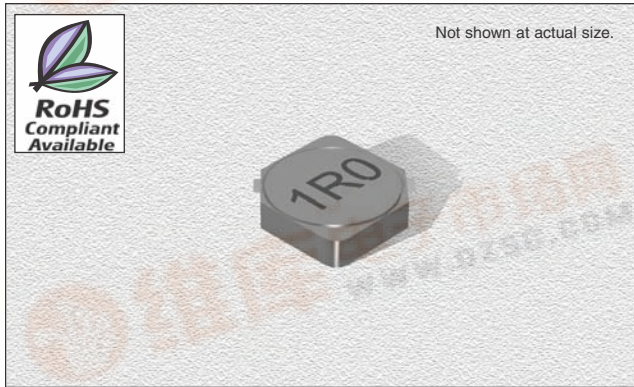


查询"CTCDRH4D18F-8R2N"供应商

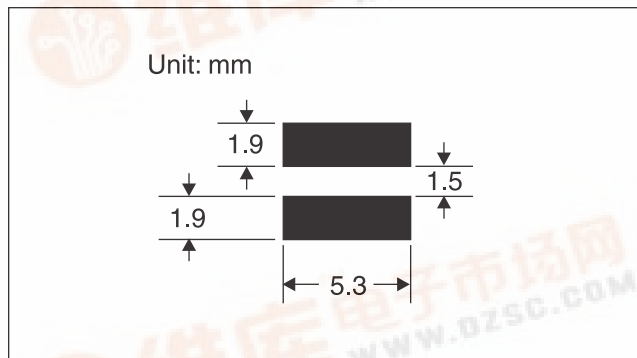
## CTCDRH4D18 Series

From 1.0  $\mu\text{H}$  to 180  $\mu\text{H}$ 

## 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:** -30°C to +80°C**Inductance Tolerance:**  $\pm 30\%$ **Testing:** Tested on a HP4285A at specified frequency**Packaging:** Tape & Reel**Marking:** Parts are marked with inductance codeRated DC Current: Indicates the current when the inductance decreases to 65% more than its nominal value and temperature rising  $\Delta t=40^\circ\text{C}$  lower at D.C. superposition**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  $\pm 30\%$  tolerance only.

CTCDRH4D18F Please specify "F" for RoHS Compliant

| Part Number      | Inductance<br>@ 0.25Vrms,0Adc<br>( $\mu\text{H} \pm 30\%$ ) | L Test<br>Freq.<br>(Hz) | DCR<br>Max.<br>(m $\Omega$ ) | Rated DC<br>Current<br>(A) |
|------------------|-------------------------------------------------------------|-------------------------|------------------------------|----------------------------|
| CTCDRH4D18_-1R0N | 1.0                                                         | 7.96M                   | 45                           | 1.72                       |
| CTCDRH4D18_-2R2N | 2.2                                                         | 7.96M                   | 75                           | 1.32                       |
| CTCDRH4D18_-2R7N | 2.7                                                         | 7.96M                   | 105                          | 1.28                       |
| CTCDRH4D18_-3R3N | 3.3                                                         | 7.96M                   | 110                          | 1.04                       |
| CTCDRH4D18_-3R9N | 3.9                                                         | 7.96M                   | 155                          | 0.88                       |
| CTCDRH4D18_-4R7N | 4.7                                                         | 7.96M                   | 162                          | 0.84                       |
| CTCDRH4D18_-5R6N | 5.6                                                         | 7.96M                   | 170                          | 0.80                       |
| CTCDRH4D18_-6R8N | 6.8                                                         | 7.96M                   | 200                          | 0.76                       |
| CTCDRH4D18_-8R2N | 8.2                                                         | 7.96M                   | 245                          | 0.68                       |
| CTCDRH4D18_-100N | 10                                                          | 100k                    | 200                          | 0.61                       |
| CTCDRH4D18_-120N | 12                                                          | 100k                    | 210                          | 0.56                       |
| CTCDRH4D18_-150N | 15                                                          | 100k                    | 240                          | 0.50                       |
| CTCDRH4D18_-180N | 18                                                          | 100k                    | 338                          | 0.48                       |
| CTCDRH4D18_-220N | 22                                                          | 100k                    | 397                          | 0.41                       |
| CTCDRH4D18_-270N | 27                                                          | 100k                    | 441                          | 0.35                       |
| CTCDRH4D18_-330N | 33                                                          | 100k                    | 694                          | 0.32                       |
| CTCDRH4D18_-390N | 39                                                          | 100k                    | 709                          | 0.30                       |
| CTCDRH4D18_-470N | 47                                                          | 100k                    | 922                          | 0.28                       |
| CTCDRH4D18_-560N | 56                                                          | 100k                    | 1080                         | 0.26                       |
| CTCDRH4D18_-680N | 68                                                          | 100k                    | 1300                         | 0.24                       |
| CTCDRH4D18_-820N | 82                                                          | 100k                    | 1560                         | 0.22                       |
| CTCDRH4D18_-101N | 100                                                         | 100k                    | 1730                         | 0.20                       |
| CTCDRH4D18_-121N | 120                                                         | 100k                    | 2390                         | 0.18                       |
| CTCDRH4D18_-151N | 150                                                         | 100k                    | 2840                         | 0.15                       |
| CTCDRH4D18_-181N | 180                                                         | 100k                    | 4000                         | 0.14                       |

## PHYSICAL DIMENSIONS

| Size   | A               | B               | C     | D    | E     | F<br>Max. |
|--------|-----------------|-----------------|-------|------|-------|-----------|
| mm     | 4.7 $\pm$ 0.3   | 4.7 $\pm$ 0.3   | 4.5   | 1.5  | 4.5   | 2.0       |
| inches | 0.19 $\pm$ 0.01 | 0.19 $\pm$ 0.01 | 0.177 | 0.06 | 0.177 | 0.08      |

