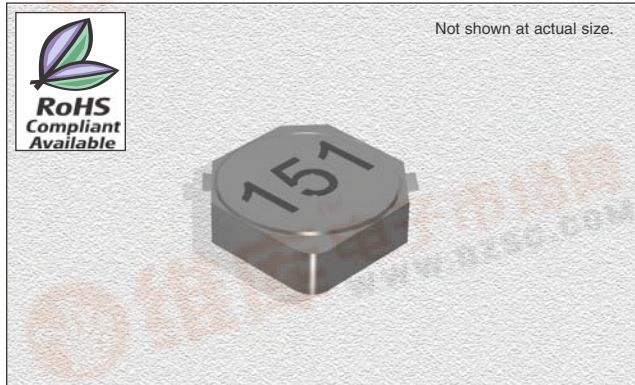


查询"CTCDRH6D28E-101N"供应商

## CTCDRH6D28 Series

From 3.0  $\mu\text{H}$  to 150  $\mu\text{H}$ 

## 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:** -40°C to +80°C**Storage Temperature:** -40°C to +80°C**Inductance Tolerance:**  $\pm 30\%$ **Testing:** Tested on a HP4284A at 10 KHz, 0.25Vrms, 0Adc**Packaging:** Tape & Reel**Marking:** Parts are marked with inductance code

Rated DC Current: Indicates the current when the inductance decreases to 65% of its initial value or D.C. current when the temperature of coil is increased by 30% the smaller one is defined as rated current.

**Miscellaneous:** RoHS Compliant available**Additional Information:** Additional electrical & physical information available upon request**Samples available. See website for ordering information.**

## SPECIFICATIONS

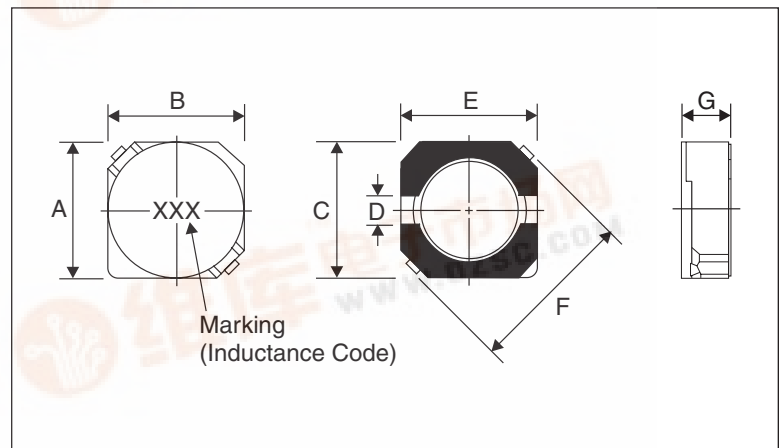
Parts are available in  $\pm 30\%$  tolerance only.

CTCDRH6D28E Please specify "F" for RoHS Compliant

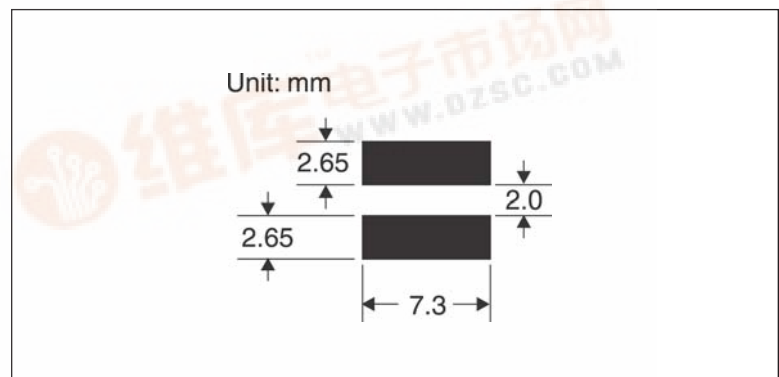
| Part Number      | Inductance ( $\mu\text{H} \pm 30\%$ ) | L Test Freq. (kHz) | DCR Max. (m $\Omega$ ) | Rated DC Current (A) |
|------------------|---------------------------------------|--------------------|------------------------|----------------------|
| CTCDRH6D28_-3R0N | 3.0                                   | 10                 | 24                     | 3.00                 |
| CTCDRH6D28_-3R3N | 3.3                                   | 10                 | 24                     | 3.00                 |
| CTCDRH6D28_-3R9N | 3.9                                   | 10                 | 27                     | 2.60                 |
| CTCDRH6D28_-5R0N | 5.0                                   | 10                 | 31                     | 2.40                 |
| CTCDRH6D28_-6R0N | 6.0                                   | 10                 | 35                     | 2.25                 |
| CTCDRH6D28_-7R3N | 7.3                                   | 10                 | 54                     | 2.10                 |
| CTCDRH6D28_-8R6N | 8.6                                   | 10                 | 58                     | 1.85                 |
| CTCDRH6D28_-100N | 10                                    | 10                 | 65                     | 1.70                 |
| CTCDRH6D28_-120N | 12                                    | 10                 | 70                     | 1.55                 |
| CTCDRH6D28_-150N | 15                                    | 10                 | 84                     | 1.40                 |
| CTCDRH6D28_-180N | 18                                    | 10                 | 95                     | 1.32                 |
| CTCDRH6D28_-220N | 22                                    | 10                 | 128                    | 1.20                 |
| CTCDRH6D28_-270N | 27                                    | 10                 | 142                    | 1.05                 |
| CTCDRH6D28_-330N | 33                                    | 10                 | 165                    | 0.97                 |
| CTCDRH6D28_-390N | 39                                    | 10                 | 210                    | 0.86                 |
| CTCDRH6D28_-470N | 47                                    | 10                 | 238                    | 0.80                 |
| CTCDRH6D28_-560N | 56                                    | 10                 | 277                    | 0.73                 |
| CTCDRH6D28_-680N | 68                                    | 10                 | 304                    | 0.65                 |
| CTCDRH6D28_-820N | 82                                    | 10                 | 390                    | 0.60                 |
| CTCDRH6D28_-101N | 100                                   | 10                 | 535                    | 0.54                 |
| CTCDRH6D28_-121N | 120                                   | 10                 | 580                    | 0.45                 |
| CTCDRH6D28_-151N | 150                                   | 10                 | 615                    | 0.42                 |

## PHYSICAL DIMENSIONS

| Size   | A               | B               | C     | D    | E     | F<br>Max. | G<br>Max. |
|--------|-----------------|-----------------|-------|------|-------|-----------|-----------|
| mm     | 6.7 $\pm$ 0.3   | 6.7 $\pm$ 0.3   | 6.5   | 2.0  | 6.5   | 9.5       | 3.0       |
| inches | 0.26 $\pm$ 0.01 | 0.26 $\pm$ 0.01 | 0.255 | 0.08 | 0.255 | 0.37      | 0.12      |



## PAD LAYOUT



03.19.07

Manufacturer of Passive and Discrete Semiconductor Components

800-684-5322 Inside US

949-453-1811 Outside US

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