

查询"CTCDRH2D18-150N"供应商

## CTCDRH2D18 Series

From 2.2  $\mu\text{H}$  to 47  $\mu\text{H}$ 

## 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 +100°C**Rated DC Current:** The rated D.C. current indicates the value of current when the inductance is 65% more than its nominal value and temperature rising  $\Delta T=40^\circ\text{C}$  lower at D.C. superposition**Inductance Tolerance:**  $\pm 30\%$ **Testing:** Tested on a HP4285A at 100 KHz, 0.25Vrms, 0Adc**Packaging:** Tape & Reel**Marking:** Parts are marked with inductance code or letter identifier.**Miscellaneous:** RoHS Compliant available**Additional Information:** Additional electrical & physical information available upon request**Samples available. See website for ordering information.**

## SPECIFICATIONS

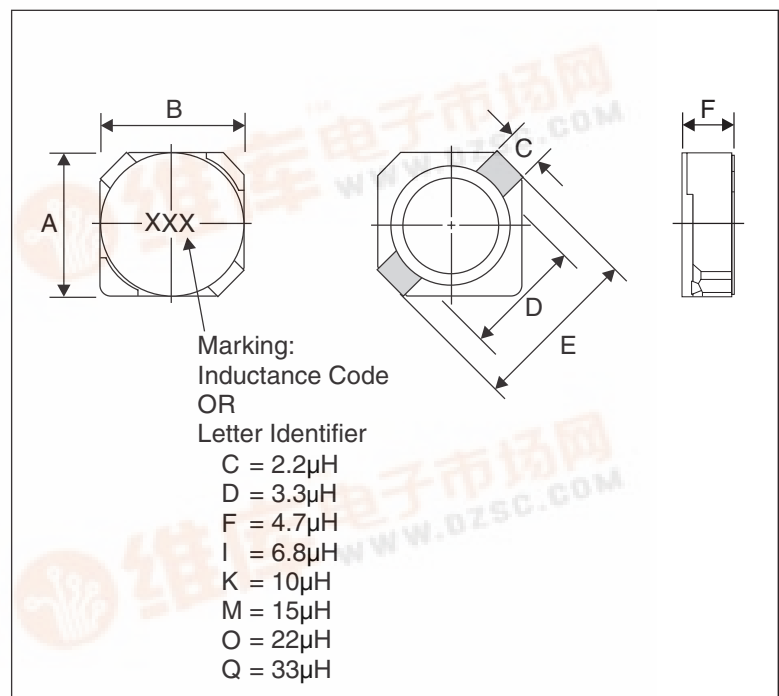
Part are available in  $\pm 30\%$  tolerance only

CTCDRH2D18E Please specify "F" for RoHS Compliant

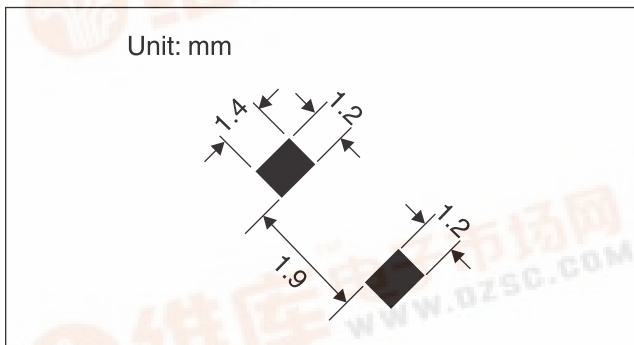
| Part Number      | Inductance ( $\mu\text{H}$ ) | L Test Freq. (kHz) | DCR Max. (m $\Omega$ ) | Rated DC Current (mA) |
|------------------|------------------------------|--------------------|------------------------|-----------------------|
| CTCDRH2D18_-2R2N | 2.2                          | 100                | 43                     | 850                   |
| CTCDRH2D18_-3R3N | 3.3                          | 100                | 60                     | 770                   |
| CTCDRH2D18_-4R7N | 4.7                          | 100                | 81                     | 630                   |
| CTCDRH2D18_-6R8N | 6.8                          | 100                | 108                    | 570                   |
| CTCDRH2D18_-100N | 10                           | 100                | 201                    | 450                   |
| CTCDRH2D18_-150N | 15                           | 100                | 227                    | 350                   |
| CTCDRH2D18_-220N | 22                           | 100                | 331                    | 300                   |
| CTCDRH2D18_-330N | 33                           | 100                | 481                    | 230                   |
| CTCDRH2D18_-470N | 47                           | 100                | 660                    | 200                   |

## PHYSICAL DIMENSIONS

| Size   | A     | B     | C    | D    | E    | F<br>Max. |
|--------|-------|-------|------|------|------|-----------|
| mm     | 3.2   | 3.2   | 1.0  | 2.1  | 3.5  | 2.0       |
| inches | 0.126 | 0.126 | 0.04 | 0.08 | 0.14 | 0.078     |



## PAD LAYOUT



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Manufacturer of Passive and Discrete Semiconductor Components

800-684-5322 Inside US

949-453-1811 Outside US

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