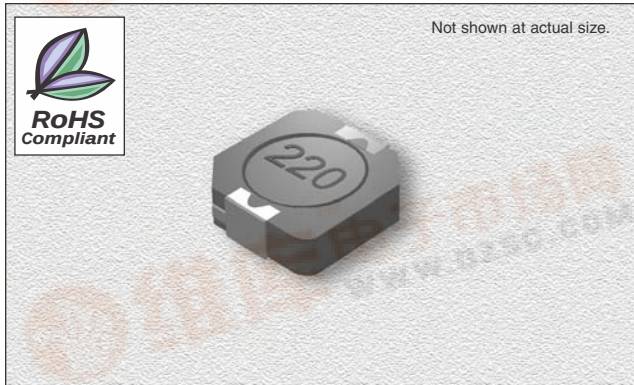


查询"CTCDRH104RF-221"供应商

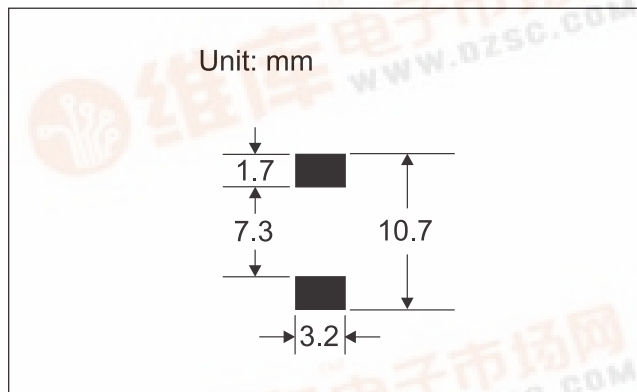
## CTCDRH104RF Series

From 1.0  $\mu\text{H}$  to 330  $\mu\text{H}$ 

## 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 +100°C**Storage Temperature:** -40°C to +100°C**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**Miscellaneous:** RoHS Compliant.**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.

\*This IDC indicates the value of current when the inductance is 35% lower than the nominal value.

| Part Number     | Inductance ( $\mu\text{H} \pm 30\%$ ) | L Test Freq. (kHz) | DCR Max. (m $\Omega$ ) | *IDC (A) |
|-----------------|---------------------------------------|--------------------|------------------------|----------|
| CTCDRH104RF-1R0 | 1.0                                   | 100                | 7.0                    | 10.1     |
| CTCDRH104RF-1R5 | 1.5                                   | 100                | 8.1                    | 10       |
| CTCDRH104RF-2R5 | 2.5                                   | 100                | 10                     | 7.5      |
| CTCDRH104RF-3R3 | 3.3                                   | 100                | 15                     | 7.0      |
| CTCDRH104RF-3R8 | 3.8                                   | 100                | 15                     | 6.0      |
| CTCDRH104RF-4R7 | 4.7                                   | 100                | 22                     | 5.8      |
| CTCDRH104RF-5R2 | 5.2                                   | 100                | 22                     | 5.7      |
| CTCDRH104RF-5R8 | 5.8                                   | 100                | 22                     | 5.5      |
| CTCDRH104RF-7R0 | 7.0                                   | 100                | 27                     | 4.8      |
| CTCDRH104RF-100 | 10                                    | 100                | 35                     | 4.4      |
| CTCDRH104RF-150 | 15                                    | 100                | 50                     | 3.6      |
| CTCDRH104RF-220 | 22                                    | 100                | 73                     | 2.9      |
| CTCDRH104RF-270 | 27                                    | 100                | 100                    | 2.54     |
| CTCDRH104RF-330 | 33                                    | 100                | 93                     | 2.3      |
| CTCDRH104RF-470 | 47                                    | 100                | 128                    | 2.1      |
| CTCDRH104RF-680 | 68                                    | 100                | 213                    | 1.5      |
| CTCDRH104RF-101 | 100                                   | 100                | 304                    | 1.35     |
| CTCDRH104RF-151 | 150                                   | 100                | 506                    | 1.15     |
| CTCDRH104RF-221 | 220                                   | 100                | 756                    | 0.92     |
| CTCDRH104RF-331 | 330                                   | 100                | 1090                   | 0.7      |

## PHYSICAL DIMENSIONS

| Size   | A               | B               | C               | D                | E               | F                |
|--------|-----------------|-----------------|-----------------|------------------|-----------------|------------------|
| mm     | 10.0 $\pm$ 0.3  | 10.0 $\pm$ 0.3  | 3.8 $\pm$ 0.2   | 3.0 $\pm$ 0.1    | 7.7 $\pm$ 0.3   | 1.2 $\pm$ 0.15   |
| inches | 0.39 $\pm$ 0.01 | 0.39 $\pm$ 0.01 | 0.15 $\pm$ 0.01 | 0.12 $\pm$ 0.003 | 0.30 $\pm$ 0.01 | 0.05 $\pm$ 0.006 |

