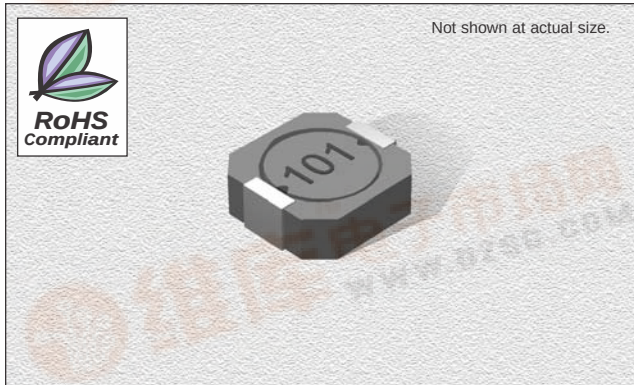


查询"CT920CYF-2R0N"供应商

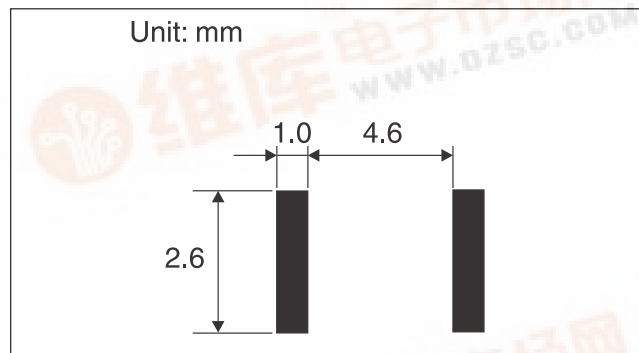
## CT920CYF Series

From 1.0  $\mu\text{H}$  to 100  $\mu\text{H}$ 

## 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 +85°C**Inductance Tolerance:**  $\pm 20\%$ ,  $\pm 30\%$ **Testing:** Tested on a HP4285A at 100 KHz, 0.1V**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

Part numbers indicate available tolerance.

N =  $\pm 30\%$ , M =  $\pm 20\%$ 

\* Inductance drop = 30% typ. at IDC

| Part Number   | Inductance ( $\mu\text{H}$ ) | L Test Freq. (kHz) | DCR ( $\Omega \pm 20\%$ ) | IDC * Max. (A) |
|---------------|------------------------------|--------------------|---------------------------|----------------|
| CT920CYF-1R0N | 1.0                          | 100                | 0.018                     | 3.48           |
| CT920CYF-1R5N | 1.5                          | 100                | 0.024                     | 2.83           |
| CT920CYF-2R0N | 2.0                          | 100                | 0.027                     | 2.44           |
| CT920CYF-3R3N | 3.3                          | 100                | 0.038                     | 1.89           |
| CT920CYF-4R3N | 4.3                          | 100                | 0.045                     | 1.65           |
| CT920CYF-6R2N | 6.2                          | 100                | 0.050                     | 1.37           |
| CT920CYF-100M | 10                           | 100                | 0.076                     | 1.07           |
| CT920CYF-120M | 12                           | 100                | 0.095                     | 0.97           |
| CT920CYF-150M | 15                           | 100                | 0.125                     | 0.87           |
| CT920CYF-180M | 18                           | 100                | 0.140                     | 0.79           |
| CT920CYF-220M | 22                           | 100                | 0.160                     | 0.71           |
| CT920CYF-270M | 27                           | 100                | 0.185                     | 0.64           |
| CT920CYF-330M | 33                           | 100                | 0.230                     | 0.58           |
| CT920CYF-390M | 39                           | 100                | 0.280                     | 0.53           |
| CT920CYF-470M | 47                           | 100                | 0.325                     | 0.48           |
| CT920CYF-560M | 56                           | 100                | 0.370                     | 0.44           |
| CT920CYF-680M | 68                           | 100                | 0.465                     | 0.40           |
| CT920CYF-820M | 82                           | 100                | 0.520                     | 0.36           |
| CT920CYF-101M | 100                          | 100                | 0.670                     | 0.33           |

## PHYSICAL DIMENSIONS

| Size   | A<br>Max. | B<br>Max. | C<br>Max. | D               | E               | F               |
|--------|-----------|-----------|-----------|-----------------|-----------------|-----------------|
| mm     | 6.3       | 6.2       | 2.5       | 2.0 $\pm$ 0.2   | 0.6 $\pm$ 0.2   | 4.8 $\pm$ 0.2   |
| inches | 0.25      | 0.24      | 0.10      | 0.08 $\pm$ 0.01 | 0.02 $\pm$ 0.01 | 0.19 $\pm$ 0.01 |

