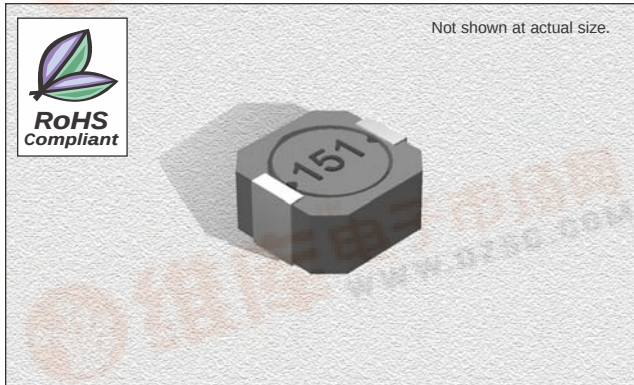


查询"CT916CYF-270M"供应商

## CT916CYF Series

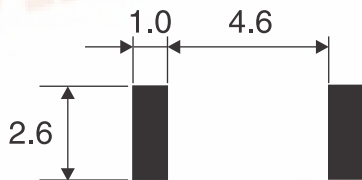
From 2.0  $\mu\text{H}$  to 150  $\mu\text{H}$ 

## 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 +85°C**Inductance Tolerance:**  $\pm 20\%$ **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

Unit: mm



## SPECIFICATIONS

Parts are available in  $\pm 20\%$  tolerance only.

\* Inductance drop = 30% typ. at IDC.

| Part Number   | Inductance ( $\mu\text{H} \pm 20\%$ ) | L Test Freq. (kHz) | DCR ( $\Omega \pm 20\%$ ) | IDC * Max. (A) |
|---------------|---------------------------------------|--------------------|---------------------------|----------------|
| CT916CYF-2R0M | 2.0                                   | 100                | 0.016                     | 3.00           |
| CT916CYF-2R7M | 2.7                                   | 100                | 0.018                     | 2.69           |
| CT916CYF-3R3M | 3.3                                   | 100                | 0.021                     | 2.57           |
| CT916CYF-4R7M | 4.7                                   | 100                | 0.027                     | 2.08           |
| CT916CYF-6R2M | 6.2                                   | 100                | 0.031                     | 1.84           |
| CT916CYF-8R2M | 8.2                                   | 100                | 0.046                     | 1.54           |
| CT916CYF-100M | 10                                    | 100                | 0.050                     | 1.49           |
| CT916CYF-120M | 12                                    | 100                | 0.055                     | 1.28           |
| CT916CYF-150M | 15                                    | 100                | 0.064                     | 1.10           |
| CT916CYF-180M | 18                                    | 100                | 0.075                     | 1.05           |
| CT916CYF-220M | 22                                    | 100                | 0.088                     | 0.97           |
| CT916CYF-270M | 27                                    | 100                | 0.117                     | 0.82           |
| CT916CYF-330M | 33                                    | 100                | 0.140                     | 0.76           |
| CT916CYF-390M | 39                                    | 100                | 0.165                     | 0.70           |
| CT916CYF-470M | 47                                    | 100                | 0.178                     | 0.68           |
| CT916CYF-560M | 56                                    | 100                | 0.214                     | 0.60           |
| CT916CYF-680M | 68                                    | 100                | 0.266                     | 0.56           |
| CT916CYF-820M | 82                                    | 100                | 0.349                     | 0.47           |
| CT916CYF-101M | 100                                   | 100                | 0.397                     | 0.45           |
| CT916CYF-151M | 150                                   | 100                | 0.553                     | 0.37           |

## PHYSICAL DIMENSIONS

| Size   | A<br>Max. | B<br>Max. | C<br>Max. | D               | E               | F               |
|--------|-----------|-----------|-----------|-----------------|-----------------|-----------------|
| mm     | 6.3       | 6.2       | 3.5       | 2.0 $\pm$ 0.2   | 0.6 $\pm$ 0.2   | 4.8 $\pm$ 0.2   |
| inches | 0.25      | 0.24      | 0.14      | 0.08 $\pm$ 0.01 | 0.02 $\pm$ 0.01 | 0.19 $\pm$ 0.01 |

