

查询"CTCDRH64BF-120M"供应商

## CTCDRH64B Series

From 2.9  $\mu\text{H}$  to 1000  $\mu\text{H}$ 

## 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**Inductance Tolerances:**  $\pm 20\%$ ,  $\pm 30\%$ **Testing:** Tested on a HP4285A at 1.0 KHz, 1.0V**Packaging:** Tape & Reel**Marking:** Parts are marked with inductance code**Miscellaneous:** RoHS Compliant available**Additional Information:** Additional electrical & physical information available upon request**Samples available. See website for ordering information.**

## SPECIFICATIONS

Part numbers indicate available inductance tolerance.

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

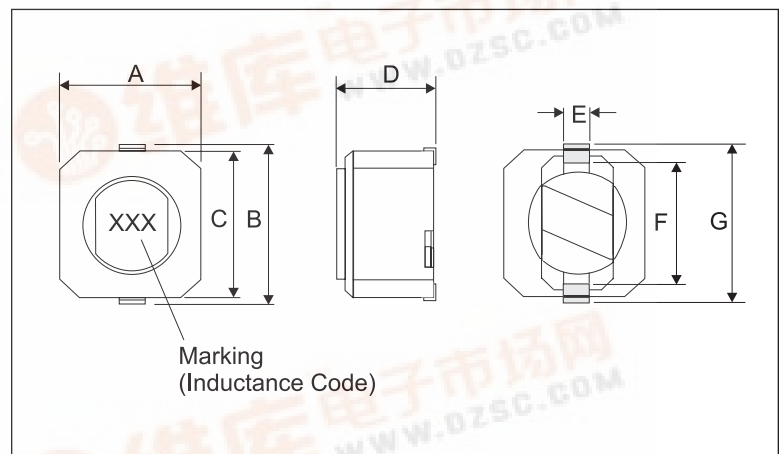
CTCDRH64BF Please specify "F" for RoHS Compliant

\*Inductance drop = 35% typ. at IDC

| Part Number     | Inductance ( $\mu\text{H}$ ) | L Test Freq. (kHz) | DCR Max. ( $\Omega$ ) | IDC Min. (A) |
|-----------------|------------------------------|--------------------|-----------------------|--------------|
| CTCDRH64B_-2R9N | 2.9                          | 1.0                | .047                  | 1.80         |
| CTCDRH64B_-3R3N | 3.3                          | 1.0                | .050                  | 1.75         |
| CTCDRH64B_-4R0N | 4.0                          | 1.0                | .060                  | 1.65         |
| CTCDRH64B_-4R7N | 4.7                          | 1.0                | .065                  | 1.55         |
| CTCDRH64B_-5R5N | 5.5                          | 1.0                | .070                  | 1.45         |
| CTCDRH64B_-100M | 10                           | 1.0                | .120                  | 1.40         |
| CTCDRH64B_-120M | 12                           | 1.0                | .130                  | 1.20         |
| CTCDRH64B_-150M | 15                           | 1.0                | .180                  | 1.10         |
| CTCDRH64B_-180M | 18                           | 1.0                | .240                  | 1.00         |
| CTCDRH64B_-220M | 22                           | 1.0                | .270                  | .910         |
| CTCDRH64B_-270M | 27                           | 1.0                | .300                  | .820         |
| CTCDRH64B_-330M | 33                           | 1.0                | .330                  | .740         |
| CTCDRH64B_-390M | 39                           | 1.0                | .370                  | .690         |
| CTCDRH64B_-470M | 47                           | 1.0                | .520                  | .620         |
| CTCDRH64B_-560M | 56                           | 1.0                | .560                  | .580         |
| CTCDRH64B_-680M | 68                           | 1.0                | .630                  | .510         |
| CTCDRH64B_-820M | 82                           | 1.0                | .710                  | .460         |
| CTCDRH64B_-101M | 100                          | 1.0                | 1.00                  | .420         |
| CTCDRH64B_-121M | 120                          | 1.0                | 1.20                  | .380         |
| CTCDRH64B_-151M | 150                          | 1.0                | 1.70                  | .350         |
| CTCDRH64B_-181M | 180                          | 1.0                | 1.90                  | .320         |
| CTCDRH64B_-221M | 220                          | 1.0                | 2.10                  | .290         |
| CTCDRH64B_-271M | 270                          | 1.0                | 2.40                  | .260         |
| CTCDRH64B_-331M | 330                          | 1.0                | 2.70                  | .230         |
| CTCDRH64B_-391M | 390                          | 1.0                | 2.90                  | .220         |
| CTCDRH64B_-471M | 470                          | 1.0                | 3.90                  | .200         |
| CTCDRH64B_-561M | 560                          | 1.0                | 5.40                  | .180         |
| CTCDRH64B_-681M | 680                          | 1.0                | 7.30                  | .170         |
| CTCDRH64B_-821M | 820                          | 1.0                | 8.20                  | .150         |
| CTCDRH64B_-102M | 1000                         | 1.0                | 9.30                  | .140         |

## PHYSICAL DIMENSIONS

| Size   | A    | B               | C<br>Max.       | D    | E    | F    | G    |
|--------|------|-----------------|-----------------|------|------|------|------|
| mm     | 6.2  | 6.6 $\pm 0.3$   | 5.9 $\pm 0.3$   | 4.5  | 1.5  | 4.6  | 6.6  |
| inches | 0.24 | 0.26 $\pm 0.01$ | 0.23 $\pm 0.01$ | 0.18 | 0.06 | 0.18 | 0.26 |



12.14.06

Manufacturer of Passive and Discrete Semiconductor Components

800-684-5322 Inside US

949-453-1811 Outside US

Copyright © 2006 by CT Magnetics, DBA Central Technologies. All rights reserved.

CT Magnetics reserves the right to make improvements or change specifications without notice