

CTCDRH64BF Series

From 2.9 μH to 1000 μH



SPECIFICATIONS
 Part numbers indicate available inductance tolerance.
 N = $\pm 30\%$, M = $\pm 20\%$
 *Inductance drop = 35% Typ. at IDC

| Part Number | Inductance (μH) | L Test Freq. (KHz) | DCR Max. (Ω) | *IDC Min. (A) |
|-----------------|------------------------------|--------------------|-----------------------|---------------|
| CTCDRH64BF-2R9N | 2.9 | 1.0 | .047 | 1.80 |
| CTCDRH64BF-3R3N | 3.3 | 1.0 | .050 | 1.75 |
| CTCDRH64BF-4R0N | 4.0 | 1.0 | .060 | 1.65 |
| CTCDRH64BF-4R7N | 4.7 | 1.0 | .065 | 1.55 |
| CTCDRH64BF-5R5N | 5.5 | 1.0 | .070 | 1.45 |
| CTCDRH64BF-100M | 10 | 1.0 | .120 | 1.40 |
| CTCDRH64BF-120M | 12 | 1.0 | .130 | 1.20 |
| CTCDRH64BF-150M | 15 | 1.0 | .180 | 1.10 |
| CTCDRH64BF-180M | 18 | 1.0 | .240 | 1.00 |
| CTCDRH64BF-220M | 22 | 1.0 | .270 | .910 |
| CTCDRH64BF-270M | 27 | 1.0 | .300 | .820 |
| CTCDRH64BF-330M | 33 | 1.0 | .330 | .740 |
| CTCDRH64BF-390M | 39 | 1.0 | .370 | .690 |
| CTCDRH64BF-470M | 47 | 1.0 | .520 | .620 |
| CTCDRH64BF-560M | 56 | 1.0 | .560 | .580 |
| CTCDRH64BF-680M | 68 | 1.0 | .630 | .510 |
| CTCDRH64BF-820M | 82 | 1.0 | .710 | .460 |
| CTCDRH64BF-101M | 100 | 1.0 | 1.00 | .420 |
| CTCDRH64BF-121M | 120 | 1.0 | 1.20 | .380 |
| CTCDRH64BF-151M | 150 | 1.0 | 1.70 | .350 |
| CTCDRH64BF-181M | 180 | 1.0 | 1.90 | .320 |
| CTCDRH64BF-221M | 220 | 1.0 | 2.10 | .290 |
| CTCDRH64BF-271M | 270 | 1.0 | 2.40 | .260 |
| CTCDRH64BF-331M | 330 | 1.0 | 2.70 | .230 |
| CTCDRH64BF-391M | 390 | 1.0 | 2.90 | .220 |
| CTCDRH64BF-471M | 470 | 1.0 | 3.90 | .200 |
| CTCDRH64BF-561M | 560 | 1.0 | 5.40 | .180 |
| CTCDRH64BF-681M | 680 | 1.0 | 7.30 | .170 |
| CTCDRH64BF-821M | 820 | 1.0 | 8.20 | .150 |
| CTCDRH64BF-102M | 1000 | 1.0 | 9.30 | .140 |

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 $+85^{\circ}\text{C}$
Inductance Tolerances: $\pm 20\%$, $\pm 30\%$
Testing: Tested on a HP4285A at 1.0KHz, 1.0V.
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.

PHYSICAL DIMENSIONS

| Size | A | B | C | D | E | F | G |
|--------|------|-----------------|-----------------|------|------|------|------|
| mm | 6.2 | 6.6 \pm 0.3 | 5.9 \pm 0.3 | 5.0 | 1.5 | 4.6 | 6.6 |
| inches | 0.24 | 0.26 \pm 0.01 | 0.23 \pm 0.01 | 0.20 | 0.06 | 0.18 | 0.26 |

