

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 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

