

CTCDRH73F Series

From 10 μ H to 1,000 μ H

ENGINEERING KIT #24F



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: -30°C to +100°C
Inductance Tolerance: $\pm 20\%$
Testing: Inductance is tested on an HP4284A at 1.0kHz
Packaging: Tape & Reel
Marking: Parts are marked with inductance code
Miscellaneous: **RoHS Compliant.** Magnetically shielded
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

SPECIFICATIONS

Parts are available in $\pm 20\%$ inductance tolerance.
 *The DC current at which the inductance decreases to 75% of its nominal value or when $\Delta T = 40^\circ\text{C}$, whichever is lower ($T_a = 20^\circ\text{C}$)

Part Number	Inductance (μH)	L Test Freq. (kHz)	DCR Max. (Ω)	*IDC Max. (A)
CTCDRH73F-100M	10	1.0	.07	1.7
CTCDRH73F-120M	12	1.0	.10	1.5
CTCDRH73F-150M	15	1.0	.13	1.3
CTCDRH73F-180M	18	1.0	.14	1.2
CTCDRH73F-220M	22	1.0	.19	1.1
CTCDRH73F-270M	27	1.0	.21	1.0
CTCDRH73F-330M	33	1.0	.24	.96
CTCDRH73F-390M	39	1.0	.32	.77
CTCDRH73F-470M	47	1.0	.36	.76
CTCDRH73F-560M	56	1.0	.47	.68
CTCDRH73F-680M	68	1.0	.52	.61
CTCDRH73F-820M	82	1.0	.69	.57
CTCDRH73F-101M	100	1.0	.79	.50
CTCDRH73F-121M	120	1.0	.89	.49
CTCDRH73F-151M	150	1.0	1.3	.43
CTCDRH73F-181M	180	1.0	1.5	.39
CTCDRH73F-221M	220	1.0	1.7	.35
CTCDRH73F-271M	270	1.0	2.3	.32
CTCDRH73F-331M	330	1.0	2.6	.28
CTCDRH73F-391M	390	1.0	2.9	.26
CTCDRH73F-471M	470	1.0	4.2	.24
CTCDRH73F-561M	560	1.0	4.7	.22
CTCDRH73F-681M	680	1.0	5.7	.19
CTCDRH73F-821M	820	1.0	6.5	.18
CTCDRH73F-102M	1000	1.0	9.4	.16

PHYSICAL DIMENSIONS

Size	A	B	C Max.	D	E	F
mm	7.3 ± 0.5	7.3 ± 0.5	3.5	1.8 ± 0.5	5.4 ± 0.5	7.2 ± 0.5
inches	0.3 ± 0.02	0.3 ± 0.02	0.14	0.07 ± 0.02	0.21 ± 0.02	0.28 ± 0.02

