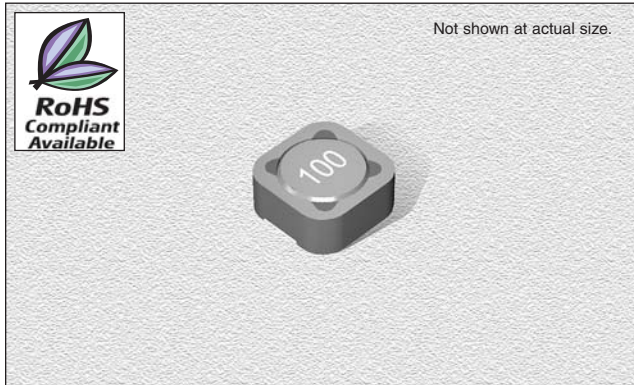


CTCDRH74 Series

From 10 μH to 1,000 μH

ENGINEERING KIT #24F



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: Inductance is tested on an HP4284A at 1.0 kHz

Packaging: Tape & Reel

Marking: Parts are marked with inductance code

Miscellaneous: **RoHS Compliant available.** Magnetically shielded

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

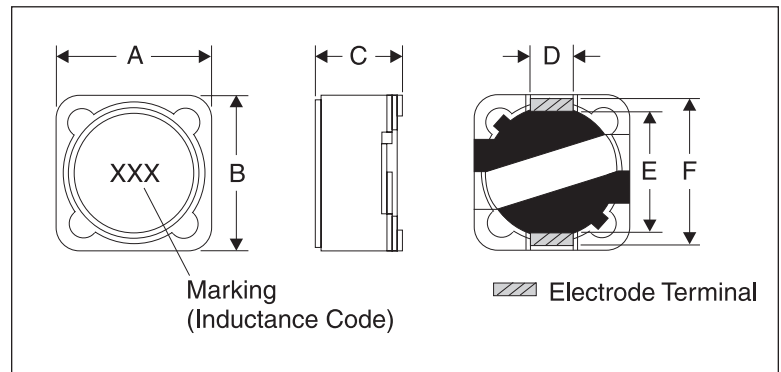
SPECIFICATIONS

Parts are available in $\pm 20\%$ inductance tolerance.
CTCDRH74E Please specify "F" for RoHS Compliant

Part Number	Inductance (μH)	L Test Freq. (kHz)	DCR Max. (Ω)	IDC Max. (A)
CTCDRH74_-100M	10	1.0	.05	1.84
CTCDRH74_-120M	12	1.0	.06	1.7
CTCDRH74_-150M	15	1.0	.08	1.5
CTCDRH74_-180M	18	1.0	.09	1.3
CTCDRH74_-220M	22	1.0	.11	1.2
CTCDRH74_-270M	27	1.0	.15	1.1
CTCDRH74_-330M	33	1.0	.17	.96
CTCDRH74_-390M	39	1.0	.23	.91
CTCDRH74_-470M	47	1.0	.26	.88
CTCDRH74_-560M	56	1.0	.35	.75
CTCDRH74_-680M	68	1.0	.38	.69
CTCDRH74_-820M	82	1.0	.43	.61
CTCDRH74_-101M	100	1.0	.61	.60
CTCDRH74_-121M	120	1.0	.66	.52
CTCDRH74_-151M	150	1.0	.88	.46
CTCDRH74_-181M	180	1.0	.98	.42
CTCDRH74_-221M	220	1.0	1.2	.36
CTCDRH74_-271M	270	1.0	1.6	.34
CTCDRH74_-331M	330	1.0	1.9	.32
CTCDRH74_-391M	390	1.0	2.9	.29
CTCDRH74_-471M	470	1.0	3.0	.26
CTCDRH74_-561M	560	1.0	3.6	.23
CTCDRH74_-681M	680	1.0	4.6	.22
CTCDRH74_-821M	820	1.0	5.2	.20
CTCDRH74_-102M	1000	1.0	6.0	.18

PHYSICAL DIMENSIONS

Size	A	B	C Max.	D	E	F
mm	7.3 \pm 0.5	7.3 \pm 0.5	4.5	1.8 \pm 0.5	5.4 \pm 0.5	7.2 \pm 0.5
inches	0.3 \pm 0.02	0.3 \pm 0.02	0.18	0.07 \pm 0.02	0.21 \pm 0.02	0.28 \pm 0.02



06.18.08