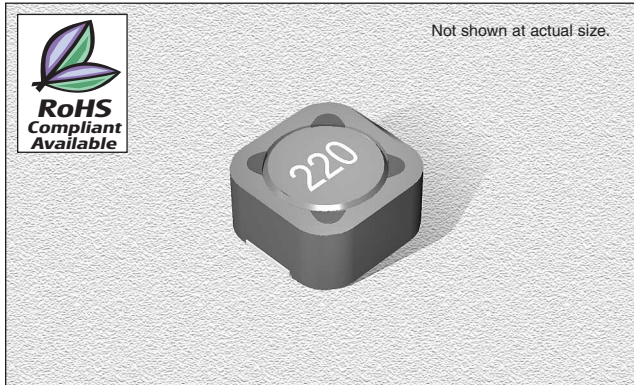


CTCDRH127 Series

From 1.2 μ H to 1,000 μ H

ENGINEERING KIT #32F



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 +125°C
- Inductance Tolerance:** $\pm 5\%$, $\pm 10\%$, $\pm 15\%$, $\pm 20\%$, $+40\%$ -20%
- Testing:** Inductance is tested on an HP4284A at specified frequency
- 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.**

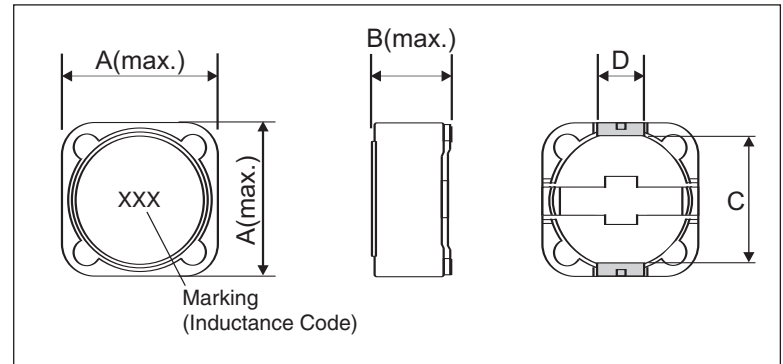
SPECIFICATIONS

Please specify tolerance code when ordering.
 CTCDRH127-560 ← J = $\pm 5\%$, K = $\pm 10\%$ L = $\pm 15\%$ M = $\pm 20\%$, N = $+40\%$ -20%
 CTCDRH127E Please specify "F" for RoHS compliant

Part Number	Inductance (μ H)	L Test Freq. (kHz)	DCR Max. (m Ω)	IDC Max. (A)
CTCDRH127_-1R2N	1.2	100	7.0	9.80
CTCDRH127_-2R4N	2.4	100	11.5	8.00
CTCDRH127_-3R5N	3.5	100	13.5	7.50
CTCDRH127_-4R7N	4.7	100	15.8	6.80
CTCDRH127_-6R1N	6.1	100	17.6	6.60
CTCDRH127_-7R6N	7.6	100	20.0	5.90
CTCDRH127_-100M	10	1.0	21.6	5.40
CTCDRH127_-120M	12	1.0	24.3	4.90
CTCDRH127_-150M	15	1.0	27.0	4.50
CTCDRH127_-180M	18	1.0	39.2	3.90
CTCDRH127_-220M	22	1.0	43.2	3.60
CTCDRH127_-270M	27	1.0	45.9	3.40
CTCDRH127_-330M	33	1.0	64.8	3.00
CTCDRH127_-390M	39	1.0	72.9	2.75
CTCDRH127_-470M	47	1.0	100	2.50
CTCDRH127_-560_	56	1.0	110	2.35
CTCDRH127_-680_	68	1.0	140	2.10
CTCDRH127_-820_	82	1.0	160	1.95
CTCDRH127_-101_	100	1.0	220	1.70
CTCDRH127_-121_	120	1.0	250	1.60
CTCDRH127_-151_	150	1.0	280	1.42
CTCDRH127_-181_	180	1.0	350	1.30
CTCDRH127_-221_	220	1.0	390	1.16
CTCDRH127_-271_	270	1.0	560	1.06
CTCDRH127_-331_	330	1.0	640	0.95
CTCDRH127_-391_	390	1.0	700	0.88
CTCDRH127_-471_	470	1.0	980	0.79
CTCDRH127_-561_	560	1.0	1070	0.73
CTCDRH127_-681_	680	1.0	1460	0.67
CTCDRH127_-821_	820	1.0	1640	0.60
CTCDRH127_-102_	1000	1.0	1820	0.55

PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	12.5	8	7.6 \pm 0.2	5 \pm 0.2
inches	0.492	0.314	0.3 \pm 0.007	0.2 \pm 0.007



05.18.06



Manufacturer of Inductors, Chokes, Coils, Beads, Transformers & Toroids

800-684-5322 Inside US 949-453-1811 Outside US

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