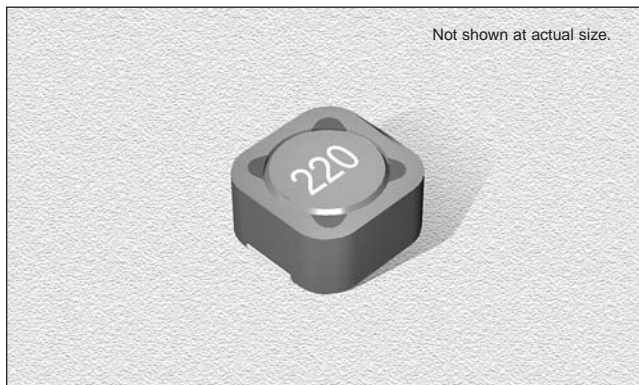


# CTCDRH127 Series

From 1.2  $\mu$ H to 1,000  $\mu$ H



## 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:** -25°C to +80°C

**Inductance Tolerance:**  $\pm 5\%$ ,  $\pm 10\%$ ,  $\pm 15\%$ ,  $\pm 20\%$ ,  $\pm 30\%$

**Testing:** Inductance is tested on an HP4284A at 1.0 kHz

**Packaging:** Tape & Reel

**Marking:** Parts are marked with inductance code

**Miscellaneous:** 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.  
 CTCDRH127-1R2\_ ← J =  $\pm 5\%$ , K =  $\pm 10\%$  L =  $\pm 15\%$   
 M =  $\pm 20\%$ , N =  $\pm 30\%$

Part Number	Inductance ( $\mu$ H)	L Test Freq. (kHz)	DCR Max. ( $\Omega$ )	IDC Max. (A)
CTCDRH127-1R2_	1.2	1.0	.01	9.8
CTCDRH127-2R4_	2.4	1.0	.01	8.0
CTCDRH127-3R5_	3.5	1.0	.01	7.5
CTCDRH127-4R7_	4.7	1.0	.02	6.8
CTCDRH127-6R1_	6.1	1.0	.02	6.6
CTCDRH127-7R6_	7.6	1.0	.02	5.9
CTCDRH127-100_	10	1.0	.02	5.4
CTCDRH127-120_	12	1.0	.02	4.9
CTCDRH127-150_	15	1.0	.03	4.5
CTCDRH127-180_	18	1.0	.04	3.9
CTCDRH127-220_	22	1.0	.04	3.6
CTCDRH127-270_	27	1.0	.05	3.4
CTCDRH127-330_	33	1.0	.07	3.0
CTCDRH127-390_	39	1.0	.07	2.8
CTCDRH127-470_	47	1.0	.10	2.5
CTCDRH127-560_	56	1.0	.11	2.4
CTCDRH127-680_	68	1.0	.14	2.1
CTCDRH127-820_	82	1.0	.16	2.0
CTCDRH127-101_	100	1.0	.22	1.7
CTCDRH127-121_	120	1.0	.25	1.6
CTCDRH127-151_	150	1.0	.28	1.4
CTCDRH127-181_	180	1.0	.35	1.3
CTCDRH127-221_	220	1.0	.39	1.2
CTCDRH127-271_	270	1.0	.56	1.1
CTCDRH127-331_	330	1.0	.64	1.0
CTCDRH127-391_	390	1.0	.70	0.9
CTCDRH127-471_	470	1.0	.98	0.8
CTCDRH127-561_	560	1.0	1.1	0.7
CTCDRH127-681_	680	1.0	1.5	0.7
CTCDRH127-821_	820	1.0	1.6	0.6
CTCDRH127-102_	1000	1.0	1.8	0.6

## PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	12 $\pm$ 0.5	8	7.6 $\pm$ 0.2	5 $\pm$ 0.2
inches	0.47 $\pm$ 0.02	0.314	0.3 $\pm$ 0.007	0.2 $\pm$ 0.007

12.14.01

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

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

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