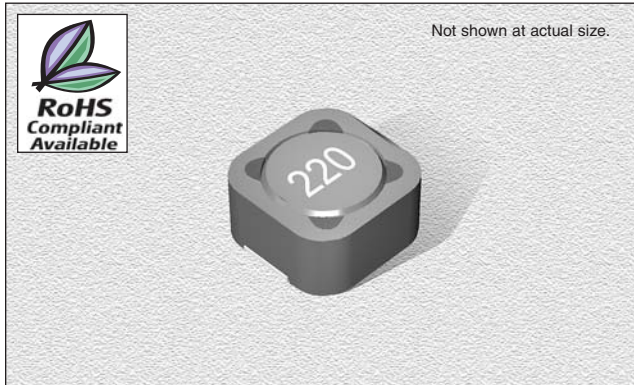


CTCDRH127/LD Series

From 1.0 μH to 1,000 μH

ENGINEERING KIT #46



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: $\pm 20\%$, $\pm 30\%$

Testing: Inductance is tested on an HP4284A at specified frequency

Packaging: Tape & Reel

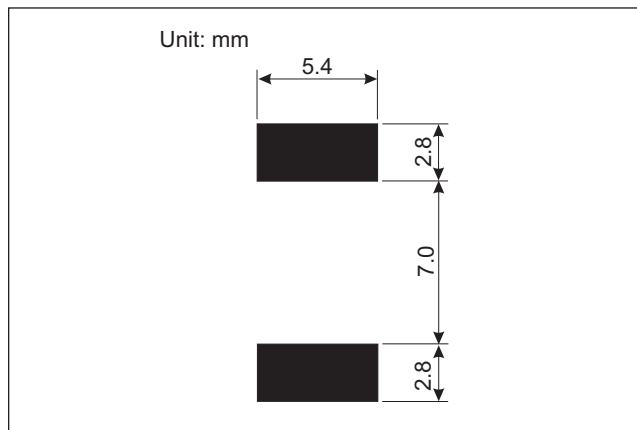
Marking: Parts are marked with inductance code

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

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

LAND PATTERN



SPECIFICATIONS

Part numbers indicate tolerance available.

N = $\pm 30\%$, M = $\pm 20\%$

CTCDRH127/LDE Please specify "F" for RoHS compliant

Part Number	Inductance (μH)	L Test Freq. (kHz)	DCR Max. (m Ω)	Rated DC Current (A)
CTCDRH127/LD_-1R0N	1.0	100	6.5	14.0
CTCDRH127/LD_-2R4N	2.4	100	10.5	10.3
CTCDRH127/LD_-3R5N	3.5	100	12.4	9.30
CTCDRH127/LD_-4R6N	4.6	100	13.8	9.10
CTCDRH127/LD_-5R8N	5.8	100	16.2	8.60
CTCDRH127/LD_-7R4N	7.4	100	17.7	7.40
CTCDRH127/LD_-100M	10	1.0	19.5	6.70
CTCDRH127/LD_-120M	12	1.0	21.3	6.45
CTCDRH127/LD_-150M	15	1.0	26.4	5.65
CTCDRH127/LD_-180M	18	1.0	28.0	5.10
CTCDRH127/LD_-220M	22	1.0	36.4	4.70
CTCDRH127/LD_-270M	27	1.0	41.6	4.20
CTCDRH127/LD_-330M	33	1.0	53.3	3.90
CTCDRH127/LD_-390M	39	1.0	60.5	3.50
CTCDRH127/LD_-470M	47	1.0	78.0	3.25
CTCDRH127/LD_-560M	56	1.0	90.0	2.90
CTCDRH127/LD_-680M	68	1.0	120	2.60
CTCDRH127/LD_-820M	82	1.0	119	2.40
CTCDRH127/LD_-101M	100	1.0	151	2.10
CTCDRH127/LD_-121M	120	1.0	169	1.90
CTCDRH127/LD_-151M	150	1.0	227	1.80
CTCDRH127/LD_-181M	180	1.0	299	1.55
CTCDRH127/LD_-221M	220	1.0	338	1.45
CTCDRH127/LD_-271M	270	1.0	419	1.30
CTCDRH127/LD_-331M	330	1.0	471	1.20
CTCDRH127/LD_-391M	390	1.0	572	1.10
CTCDRH127/LD_-471M	470	1.0	741	1.00
CTCDRH127/LD_-561M	560	1.0	852	0.95
CTCDRH127/LD_-681M	680	1.0	1130	0.85
CTCDRH127/LD_-821M	820	1.0	1240	0.75
CTCDRH127/LD_-102M	1000	1.0	1500	0.70

PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	12.5	8.0	7.6 \pm 0.2	5 \pm 0.2
inches	0.492	0.314	0.3 \pm 0.007	0.2 \pm 0.007