CTCDRH104RF Series
From 1.0µH to 330µH

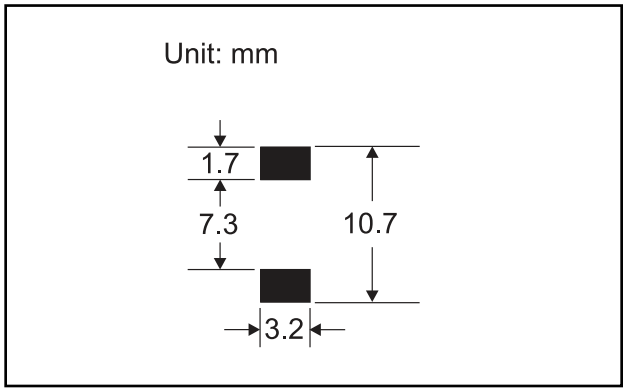
ENGINEERING KIT #41



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: -40°C to +100°C
Storage Temperature: -40°C to +100°C
Inductance Tolerance: ±30%
Testing: Tested on an HP4285A at 100kHz, 0.25Vrms, 0Adc
Packaging: Tape & Reel
Marking: Parts are marked with inductance code
Miscellaneous: RoHS Compliant
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

PAD LAYOUT



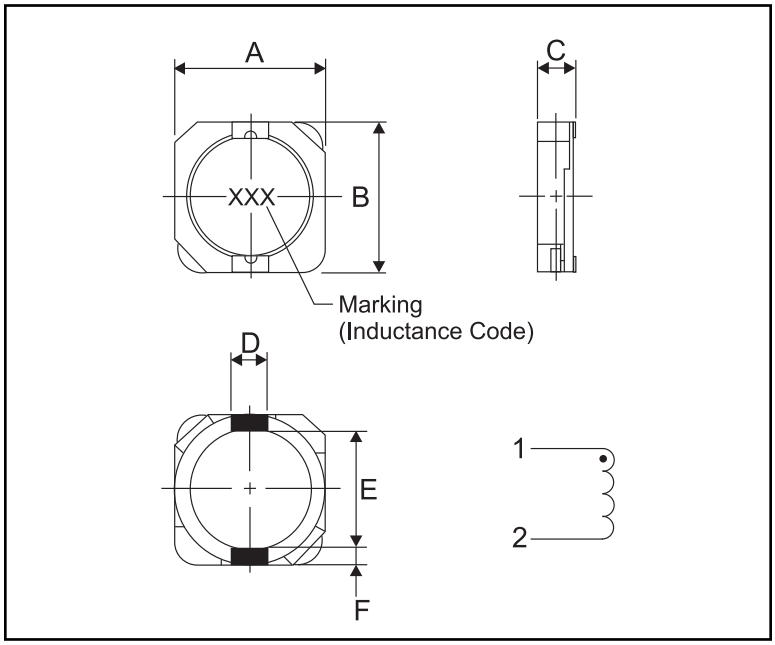
SPECIFICATIONS

Parts are available in ±30% tolerance only.
***The IDC indicates the value of current when the inductance is 35% lower than the nominal value.**

Part Number	Inductance (µH±30%)	L Test Freq. (kHz)	DCR Max. (mΩ)	*IDC (A)
CTCDRH104RF-1R0	1.0	100	7.0	10.1
CTCDRH104RF-1R5	1.5	100	8.1	10
CTCDRH104RF-2R5	2.5	100	10	7.5
CTCDRH104RF-4R4	3.3	100	15	7.0
CTCDRH104RF-3R8	3.8	100	15	6.0
CTCDRH104RF-4R7	4.7	100	22	5.8
CTCDRH104RF-5R2	5.2	100	22	5.7
CTCDRH104RF-5R8	5.8	100	33	5.5
CTCDRH104RF-7R0	7.0	100	27	4.8
CTCDRH104RF-100	10	100	35	4.4
CTCDRH104RF-120	12	100	46	4.0
CTCDRH104RF-150	15	100	50	3.6
CTCDRH104RF-220	22	100	73	2.9
CTCDRH104RF-270	27	100	100	2.54
CTCDRH104RF-330	33	100	93	2.3
CTCDRH104RF-470	47	100	128	2.1
CTCDRH104RF-680	68	100	213	1.5
CTCDRH104RF-101	100	100	304	1.35
CTCDRH104RF-151	150	100	506	1.15
CTCDRH104RF-221	220	100	756	0.92
CTCDRH104RF-331	330	100	1090	0.7

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F
mm	10.0±0.3	10.0±0.3	3.8±0.1	3.0±0.1	7.7±0.3	1.2±0.15
inches	0.39±0.01	0.39±0.01	0.15±0.01	0.12±0.003	0.30±0.01	0.05±0.006



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