CTCDRH8D38F Series

From 1.8µH to 100µH



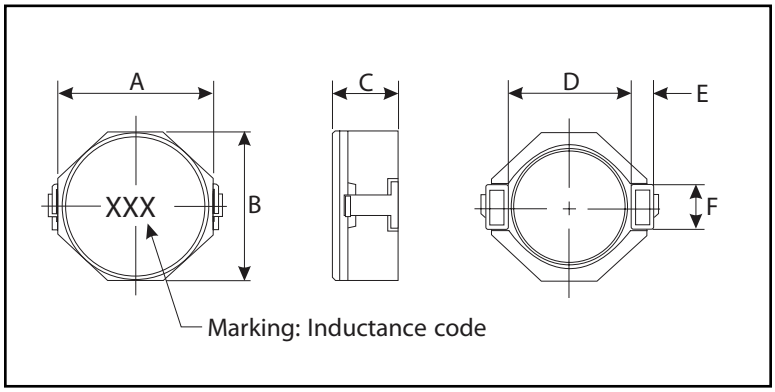
SPECIFICATIONS

Parts are available in ±30% inductance tolerance only.

Part Number	Inductance (µH)	L Test Freq. (kHz)	DCR Max. (mΩ)	Rated DC Current (A)
CTCDRH8D38F-1R8N	1.8	100	15.6	7.00
CTCDRH8D38F-2R5N	2.5	100	17.5	6.50
CTCDRH8D38F-3R5N	3.5	100	24.0	5.00
CTCDRH8D38F-4R7N	4.7	100	29.0	4.60
CTCDRH8D38F-6R0N	6.0	100	32.0	4.20
CTCDRH8D38F-100N	10	100	48.0	3.00
CTCDRH8D38F-150N	15	100	67.0	2.75
CTCDRH8D38F-220N	22	100	105	2.30
CTCDRH8D38F-330N	33	100	157	1.75
CTCDRH8D38F-470N	47	100	189	1.52
CTCDRH8D38F-680N	68	100	290	1.30
CTCDRH8D38F-101N	100	100	410	1.05

PHYSICAL DIMENSIONS

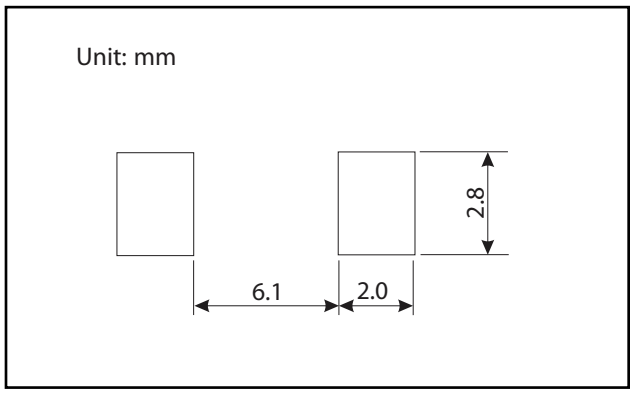
Size	A Max.	B Max.	C Max.	D Ref.	E Ref.	F Ref.
mm	8.3	8.3	4.0	5.8	2.5	1.2
inches	0.327	0.327	0.157	0.228	0.098	0.047



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
Storage Temperature: -40°C to +125°C
Rated DC Current: Indicates the current when the inductance decreases to 35% from its value without current
Inductance Tolerance: ±30%
Testing: Tested on an HP4285A at 100kHz, 0.1Vrms, 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



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