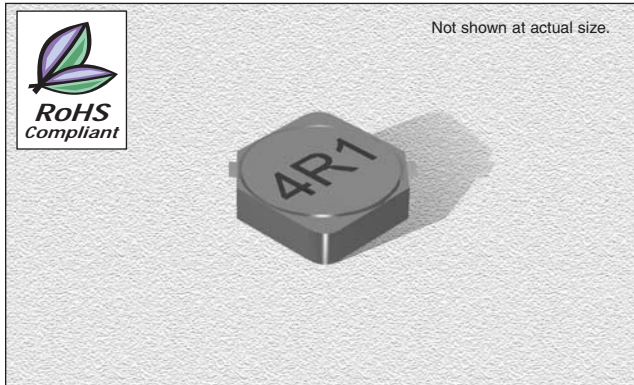


CTCDRH5D18F Series

From 3.3 μ H to 330 μ H



SPECIFICATIONS

Parts are available in $\pm 30\%$ tolerance only.

Part Number	Inductance (μ H $\pm 30\%$)	L Test Freq. (kHz)	DCR Max. (m Ω)	Rated DC Current (A)
CTCDRH5D18F-3R3N	3.3	10	50	2.15
CTCDRH5D18F-4R1N	4.1	10	57	1.95
CTCDRH5D18F-5R4N	5.4	10	76	1.60
CTCDRH5D18F-6R2N	6.2	10	96	1.40
CTCDRH5D18F-8R9N	8.9	10	116	1.25
CTCDRH5D18F-100N	10	10	124	1.20
CTCDRH5D18F-120N	12	10	153	1.10
CTCDRH5D18F-150N	15	10	196	0.97
CTCDRH5D18F-180N	18	10	210	0.85
CTCDRH5D18F-220N	22	10	290	0.80
CTCDRH5D18F-270N	27	10	330	0.75
CTCDRH5D18F-330N	33	10	386	0.65
CTCDRH5D18F-390N	39	10	520	0.57
CTCDRH5D18F-470N	47	10	595	0.54
CTCDRH5D18F-560N	56	10	665	0.50
CTCDRH5D18F-680N	68	10	840	0.43
CTCDRH5D18F-820N	82	10	978	0.41
CTCDRH5D18F-101N	100	10	1200	0.36
CTCDRH5D18F-121N	120	10	1500	0.33
CTCDRH5D18F-151N	150	10	1710	0.31
CTCDRH5D18F-181N	180	10	2240	0.28
CTCDRH5D18F-221N	220	10	2440	0.23
CTCDRH5D18F-271N	270	10	3380	0.21
CTCDRH5D18F-331N	330	10	4340	0.18

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 $+85^{\circ}\text{C}$

Inductance Tolerance: $\pm 30\%$

Testing: Tested on a HP4284A at 10 KHz, 0.25Vrms, 0Adc

Packaging: Tape & Reel

Marking: Parts are marked with inductance code
 Rated DC Current: Indicates the current when the inductance decreases to 65% of its initial value or D.C. current when the temperature of coil is increased by 30% the smaller one is defined as rated current.

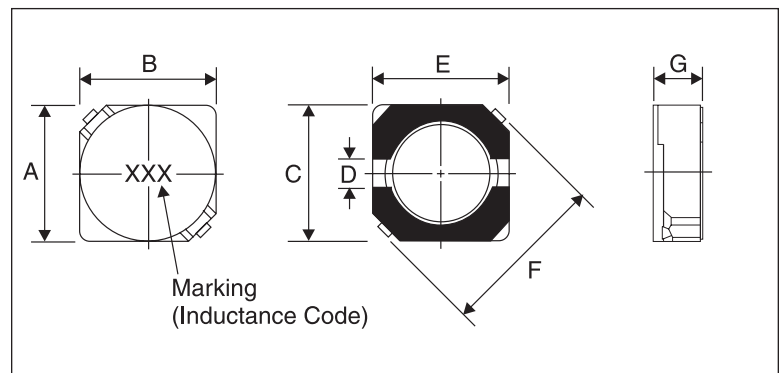
Miscellaneous: RoHS Compliant.

Additional Information: Additional electrical & physical information available upon request

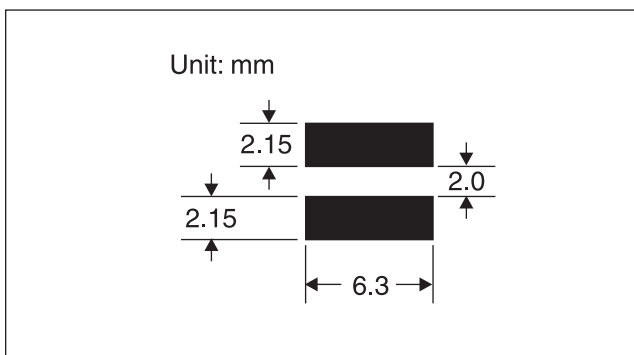
Samples available. See website for ordering information.

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F	G
						Max.	Max.
mm	5.7 \pm 0.3	5.7 \pm 0.3	5.5	2.0	5.5	8.2	2.0
inches	0.22 \pm 0.01	0.22 \pm 0.01	0.217	0.08	0.217	0.32	0.08



PAD LAYOUT



08.18.08

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

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

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