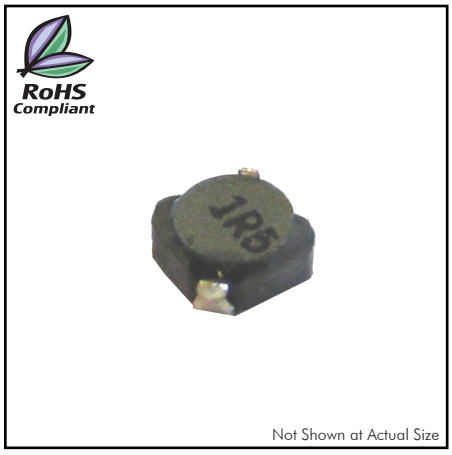
CTCDRH2D14F Series

From 1.5µH to 12µH



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: -30°C to +100°C
Rated DC Current: The rated current indicates the current when the inductance decreases to 65% over it's nominal or D.C. current when the temperature rising ΔT=40°C lower, whichever is lower
Testing: Tested on a 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.

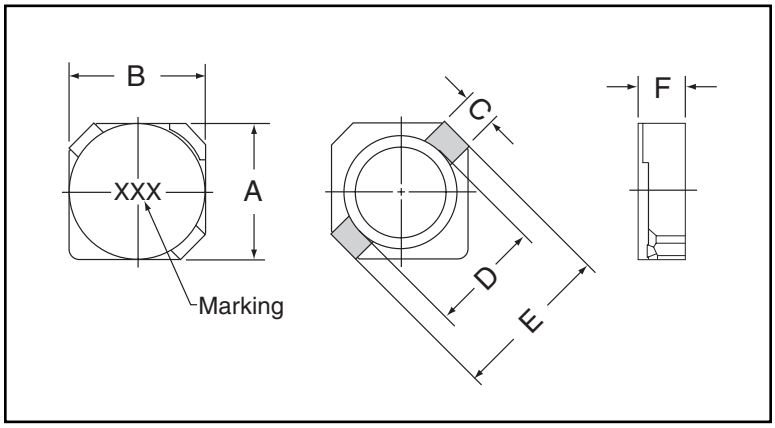
SPECIFICATIONS

Parts are available in ±30% tolerance only.

Part Number	Inductance (µH)	Test Freq. (KHz)	DCR Max. (mΩ)	Rated DC Current (A)	Temp. Rise Current Typ. (A)
CTCDRH2D14F-1R5N	1.5	100	63	1.80	1.80
CTCDRH2D14F-1R8N	1.8	100	75	1.65	1.80
CTCDRH2D14F-2R2N	2.2	100	114	1.50	1.50
CTCDRH2D14F-2R7N	2.7	100	116	1.35	1.40
CTCDRH2D14F-3R3N	3.3	100	158	1.20	1.24
CTCDRH2D14F-3R9N	3.9	100	205	1.10	1.12
CTCDRH2D14F-4R7N	4.7	100	238	1.00	1.00
CTCDRH2D14F-5R6N	5.6	100	256	0.95	0.98
CTCDRH2D14F-6R8N	6.8	100	282	0.85	0.92
CTCDRH2D14F-8R2N	8.2	100	307	0.80	0.80
CTCDRH2D14F-100N	10	100	338	0.70	0.76
CTCDRH2D14F-120N	12	100	470	0.62	0.64

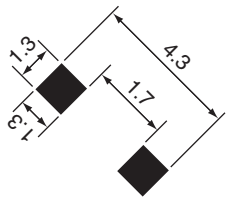
PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C	D	E	F Max.
mm	3.2	3.2	1.0	2.1	3.3	1.55
inches	0.126	0.126	0.04	0.08	0.130	0.061



PAD LAYOUT

Unit: mm



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