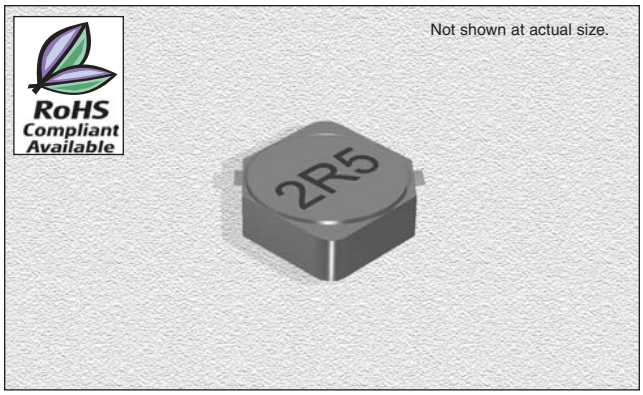
02-100 Series

From 2.5 µH to 150 µH



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
Inductance Tolerance: ±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 available
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

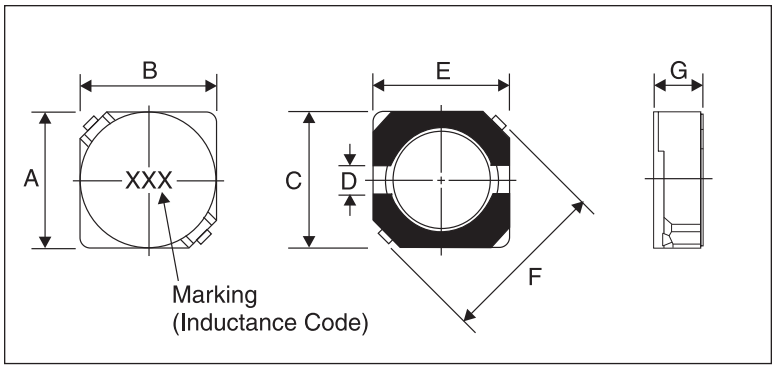
SPECIFICATIONS

Parts are available in ±30% tolerance only.
02-100F **Please specify "F" for RoHS Compliant**

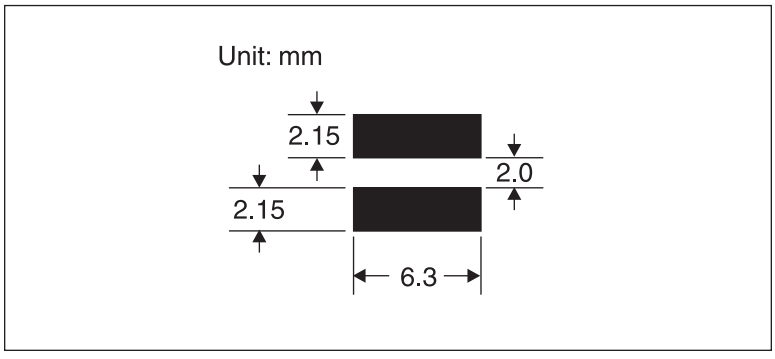
Part Number	Inductance (µH ±30%)	L Test Freq. (kHz)	DCR Max. (mΩ)	Rated DC Current (A)
02-100_-2R5N	2.5	10	18	2.60
02-100_-3R0N	3.0	10	24	2.40
02-100_-4R2N	4.2	10	31	2.20
02-100_-5R3N	5.3	10	38	1.90
02-100_-6R2N	6.2	10	45	1.80
02-100_-8R2N	8.2	10	53	1.60
02-100_-100N	10	10	65	1.30
02-100_-120N	12	10	76	1.20
02-100_-150N	15	10	103	1.10
02-100_-180N	18	10	110	1.00
02-100_-220N	22	10	122	0.90
02-100_-270N	27	10	175	0.85
02-100_-330N	33	10	189	0.75
02-100_-390N	39	10	212	0.70
02-100_-470N	47	10	260	0.62
02-100_-560N	56	10	305	0.58
02-100_-680N	68	10	355	0.52
02-100_-820N	82	10	463	0.46
02-100_-101N	100	10	520	0.42
02-100_-121N	120	10	850	0.31
02-100_-151N	150	10	956	0.26

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F Max.	G Max.
mm	5.7±0.3	5.7±0.3	5.5	2.0	5.5	8.2	3.0
inches	0.22±0.01	0.22±0.01	0.217	0.08	0.217	0.32	0.12



PAD LAYOUT



Manufacturer of Inductors, Chokes, Coils, Beads, Transformers & Toroids
800-684-5322 Inside US **949-453-1811** Outside US
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