

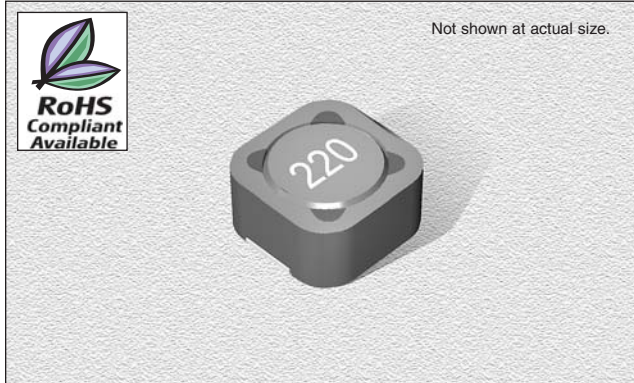
02-120 Series

From 1.2 μ H to 1,000 μ H

SPECIFICATIONS

Please specify tolerance code when ordering.
 02-120-560_ ← J = \pm 5%, K = \pm 10% L = \pm 15% M = \pm 20%, N = +40% -20%
 02-120F Please specify "F" for RoHS compliant

ENGINEERING KIT #32F



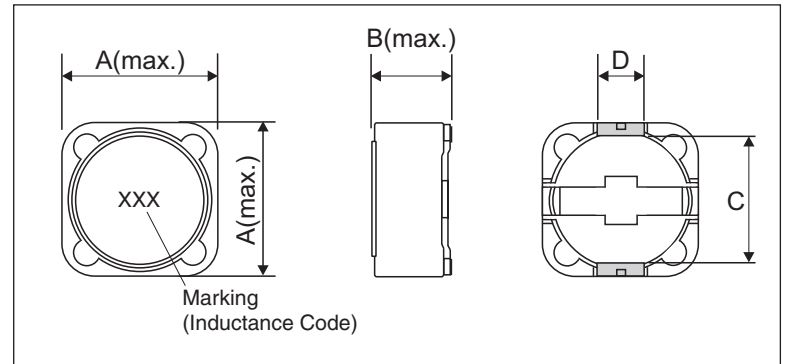
CHARACTERISTICS

- 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 +125°C
- Inductance Tolerance:** \pm 5%, \pm 10%, \pm 15%, \pm 20%, +40% -20%
- Testing:** Inductance is tested on an HP4284A at specified frequency
- Packaging:** Tape & Reel
- Marking:** Parts are marked with inductance code
- Miscellaneous:** RoHS Compliant available. Magnetically shielded
- Additional Information:** Additional electrical & physical information available upon request
- Samples available.** See website for ordering information.

Part Number	Inductance (μ H)	L Test Freq. (kHz)	DCR Max. (m Ω)	IDC Max. (A)
02-120_-1R2N	1.2	100	7.0	9.80
02-120_-2R4N	2.4	100	11.5	8.00
02-120_-3R5N	3.5	100	13.5	7.50
02-120_-4R7N	4.7	100	15.8	6.80
02-120_-6R1N	6.1	100	17.6	6.60
02-120_-7R6N	7.6	100	20.0	5.90
02-120_-100M	10	1.0	21.6	5.40
02-120_-120M	12	1.0	24.3	4.90
02-120_-150M	15	1.0	27.0	4.50
02-120_-180M	18	1.0	39.2	3.90
02-120_-220M	22	1.0	43.2	3.60
02-120_-270M	27	1.0	45.9	3.40
02-120_-330M	33	1.0	64.8	3.00
02-120_-390M	39	1.0	72.9	2.75
02-120_-470M	47	1.0	100	2.50
02-120_-560_	56	1.0	110	2.35
02-120_-680_	68	1.0	140	2.10
02-120_-820_	82	1.0	160	1.95
02-120_-101_	100	1.0	220	1.70
02-120_-121_	120	1.0	250	1.60
02-120_-151_	150	1.0	280	1.42
02-120_-181_	180	1.0	350	1.30
02-120_-221_	220	1.0	390	1.16
02-120_-271_	270	1.0	560	1.06
02-120_-331_	330	1.0	640	0.95
02-120_-391_	390	1.0	700	0.88
02-120_-471_	470	1.0	980	0.79
02-120_-561_	560	1.0	1070	0.73
02-120_-681_	680	1.0	1460	0.67
02-120_-821_	820	1.0	1640	0.60
02-120_-102_	1000	1.0	1820	0.55

PHYSICAL DIMENSIONS

Size	A	B	C	D
mm	12.5	8	7.6 \pm 0.2	5 \pm 0.2
inches	0.492	0.314	0.3 \pm 0.007	0.2 \pm 0.007



05.18.06

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

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

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