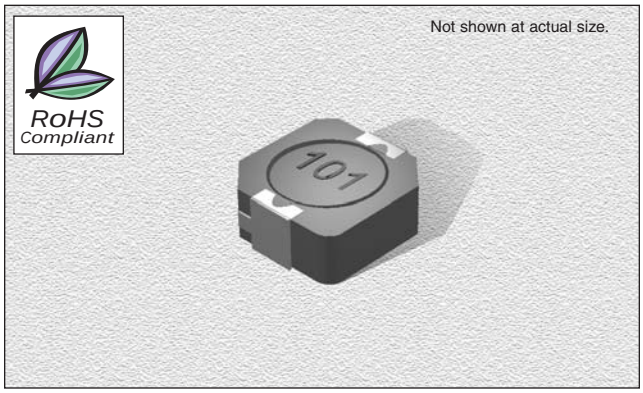
02-101F Series

From 2.5 µH to 100 µH



SPECIFICATIONS

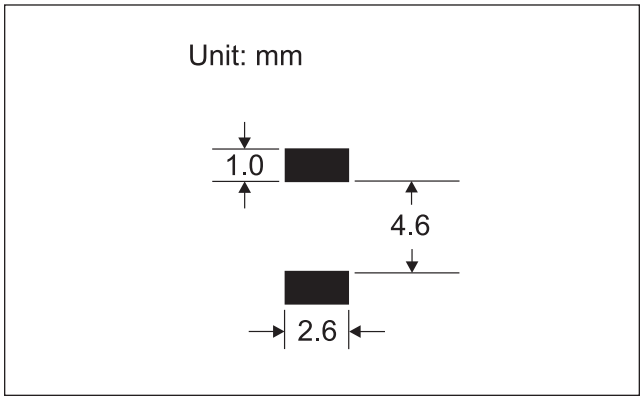
Parts are available in ±30% tolerance only.
*This IDC indicates the value of current when the inductance is 35% lower than the nominal value.

Part Number	Inductance (µH ±30%)	L Test Freq. (kHz)	DCR Max. (mΩ)	*IDC (A)
02-101F-2R5N	2.5	100	17.6	2.60
02-101F-3R3N	3.3	100	20.3	2.30
02-101F-4R0N	4.0	100	27.0	2.10
02-101F-5R0N	5.0	100	31.1	1.85
02-101F-6R0N	6.0	100	41.9	1.70
02-101F-8R0N	8.0	100	49.9	1.50
02-101F-100N	10	100	54.0	1.30
02-101F-120N	12	100	71.6	1.20
02-101F-150N	15	100	82.4	1.10
02-101F-180N	18	100	101.5	1.05
02-101F-220N	22	100	119.0	0.95
02-101F-270N	27	100	146.0	0.85
02-101F-330N	33	100	182.5	0.76
02-101F-390N	39	100	209.5	0.68
02-101F-470N	47	100	229.5	0.60
02-101F-560N	56	100	305.0	0.55
02-101F-680N	68	100	351.0	0.48
02-101F-820N	82	100	418.5	0.45
02-101F-101N	100	100	520.0	0.40

CHARACTERISTICS

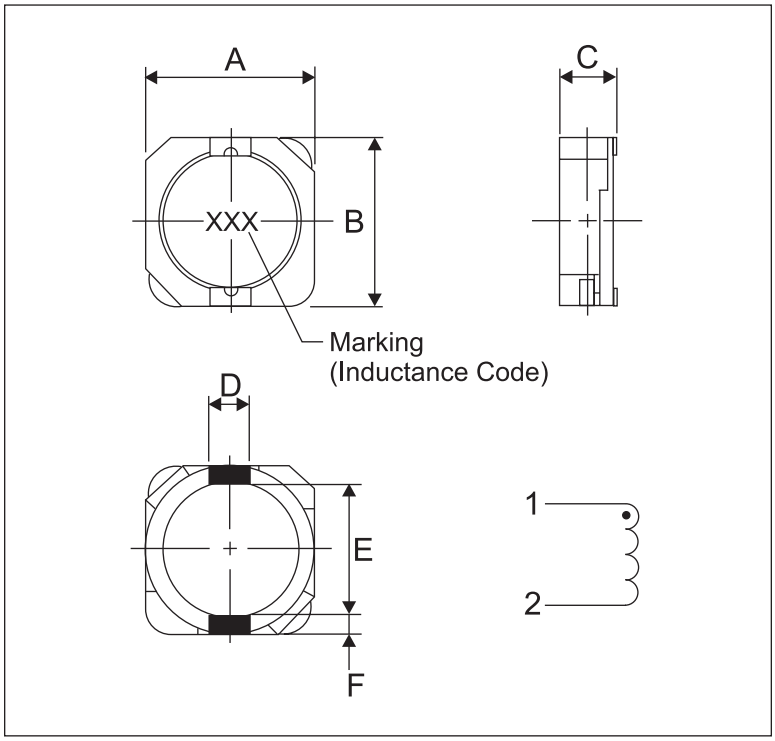
Description: SMD (shielded) power inductor
Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.
Operating Temperature: -30°C to +80°C
Inductance Tolerance: ±30%
Testing: Tested on a HP4285A at 100 KHz , 0.25Vrms , 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.

PAD LAYOUT



PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D	E	F
mm	6.3	6.2	3.0	2.0	4.7	0.6
inches	0.248	0.246	0.118	0.079	0.185	0.024



Manufacturer of Passive and Discrete Semiconductor Components
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