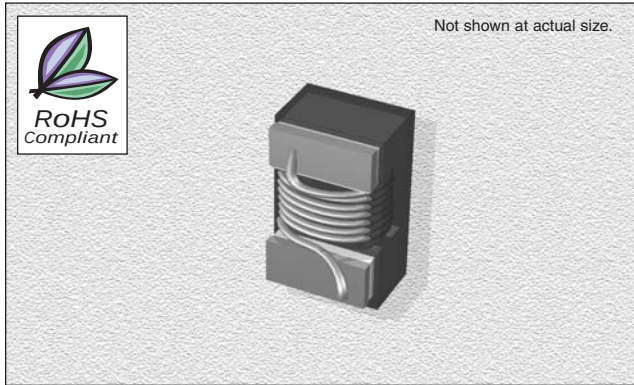


02-030F Series

From .12 μH to 8.2 μH

SPECIFICATIONS

Please specify tolerance code when ordering.
02-030F-151_ ← J = $\pm 5\%$, K = $\pm 10\%$



Part Number	Inductance (μH)	L Test Freq. (MHz)	Q Fact. Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated DC (mA)
02-030F-121_	0.12	25.2	20	25.2	700	0.18	1100
02-030F-151_	0.15	25.2	20	25.2	900	0.18	1100
02-030F-181_	0.18	25.2	20	25.2	600	0.20	800
02-030F-221_	0.22	25.2	20	25.2	550	0.25	700
02-030F-271_	0.27	25.2	20	25.2	550	0.30	700
02-030F-331_	0.33	25.2	20	25.2	550	0.35	650
02-030F-391_	0.39	25.2	20	25.2	420	0.35	600
02-030F-471_	0.47	25.2	20	25.2	350	0.45	600
02-030F-561_	0.56	25.2	20	25.2	300	0.45	550
02-030F-681_	0.68	25.2	20	25.2	300	0.60	500
02-030F-821_	0.82	25.2	20	25.2	300	0.55	500
02-030F-102_	1.00	7.96	15	7.96	280	0.80	450
02-030F-122_	1.20	7.96	15	7.96	280	0.90	400
02-030F-152_	1.50	7.96	15	7.96	250	1.05	350
02-030F-182_	1.80	7.96	15	7.96	120	0.90	350
02-030F-222_	2.20	7.96	15	7.96	110	1.10	320
02-030F-272_	2.70	7.96	15	7.96	70	1.20	320
02-030F-332_	3.30	7.96	15	7.96	60	1.50	300
02-030F-392_	3.90	7.96	15	7.96	55	1.60	300
02-030F-472_	4.70	7.96	15	7.96	45	2.10	200
02-030F-562_	5.60	7.96	15	7.96	40	2.30	250
02-030F-682_	6.80	7.96	15	7.96	36	2.70	200
02-030F-822_	8.20	7.96	15	7.96	33	3.30	180

CHARACTERISTICS

Description: SMD ferrite core wire-wound chip inductor

Applications: LC resonant circuits such as oscillator and signal generators, impedance matching, circuit isolation, RF filters, disk drives and computer peripherals, audio and video equipment, TV, radio and telecommunication equipment

Operating Temperature: -40°C to $+85^{\circ}\text{C}$

Inductance Tolerance: $\pm 5\%$, $\pm 10\%$

Testing: Inductance and Q tested on an HP4287A at specified frequency.

Packaging: Tape & Reel

Marking: Reel label indicates inductance code and tolerance

Miscellaneous: RoHS Compliant.

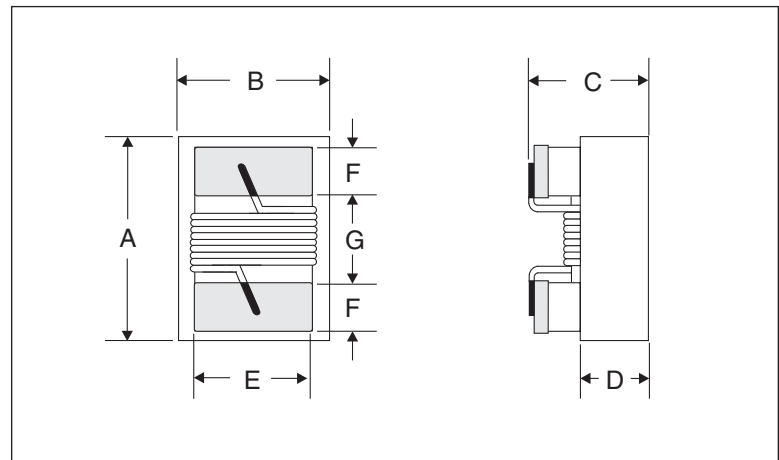
Miscellaneous: Additional values available

Additional Information: Additional electrical & physical information available upon request

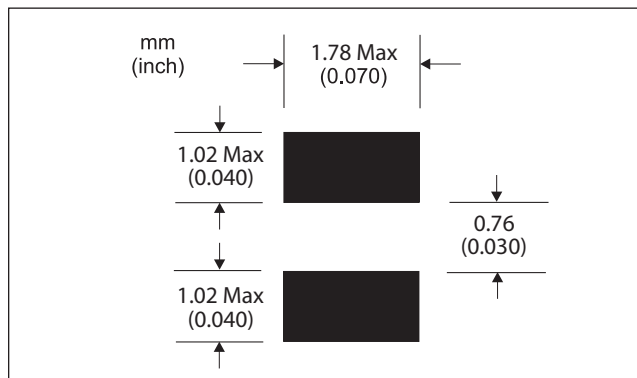
Samples available. See website for ordering information.

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D Ref.	E Max.	F	G
mm	2.29	1.73	1.45	0.51	1.27	0.51	1.27
inches	0.090	0.068	0.057	0.020	0.050	0.020	0.050



PAD LAYOUT



11.17.06