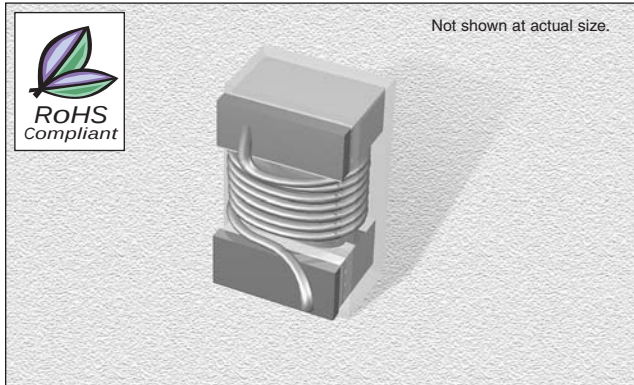


02-032F Series

From 3.9 nH to 10,000 nH

ENGINEERING KIT #5F



CHARACTERISTICS

Description: SMD ceramic 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 +125°C

Inductance Tolerance: $\pm 2\%$, $\pm 5\%$, $\pm 10\%$ & $\pm 20\%$

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

Packaging: Tape & Reel

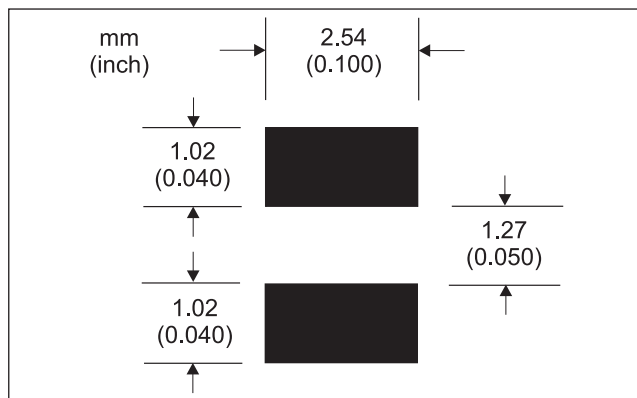
Marking: Reels are marked with inductance code and tolerance. Parts marked with either color dots or inductance stamp.

Miscellaneous: RoHS Compliant. Parts are also available without a clear plastic cap. Other values available.

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

PAD LAYOUT



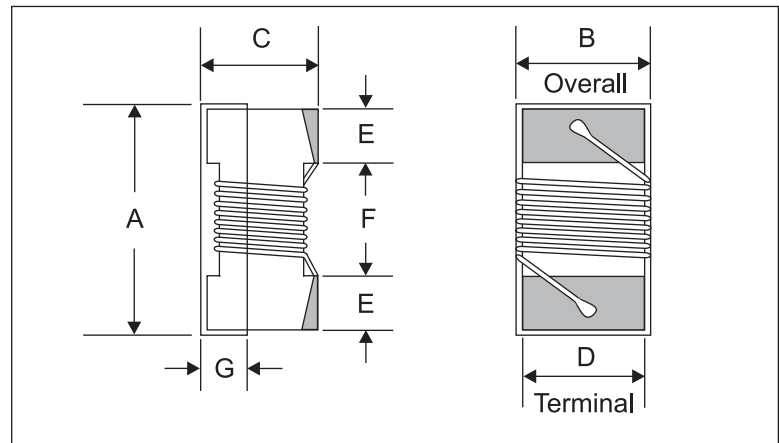
SPECIFICATIONS

Please specify tolerance code when ordering.
02-032F-330_ ← G = $\pm 2\%$, J = $\pm 5\%$, K = $\pm 10\%$, M = $\pm 20\%$
* K or M only ** J, K or M only

Part Number	Inductance (nH)	L Test Freq. (MHz)	Q Fact. Min.	Q Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated DC (mA)
02-032F-030_*	3.9	50	40	900	6000	.05	1100
02-032F-040_*	4.7	50	50	1500	4100	.08	1000
02-032F-080_*	8.2	50	40	1500	4200	.07	1000
02-032F-100_**	10	50	50	500	4100	.08	1000
02-032F-120_**	12	50	50	500	3300	.09	1000
02-032F-150_**	15	50	50	500	2500	.10	1000
02-032F-180_**	18	50	50	350	2500	.11	1000
02-032F-220_**	22	50	55	350	2400	.12	1000
02-032F-270_**	27	50	55	350	1600	.13	1000
02-032F-330_	33	50	60	350	1600	.14	1000
02-032F-390_	39	50	60	350	1500	.15	1000
02-032F-470_	47	50	65	350	1500	.16	1000
02-032F-560_	56	50	65	350	1300	.18	1000
02-032F-680_	68	50	65	350	1300	.20	1000
02-032F-820_	82	50	60	350	1000	.22	1000
02-032F-101_	100	25	60	350	1000	.56	650
02-032F-121_	120	25	60	350	950	.63	650
02-032F-151_	150	25	45	100	850	.70	580
02-032F-181_	180	25	45	100	750	.77	620
02-032F-221_	220	25	45	100	700	.84	500
02-032F-271_	270	25	45	100	600	.91	500
02-032F-331_	330	25	45	100	570	1.1	450
02-032F-391_	390	25	45	100	500	1.1	470
02-032F-471_	470	25	45	100	450	1.2	400
02-032F-561_	560	25	45	100	415	1.3	400
02-032F-621_	620	25	45	100	375	1.4	300
02-032F-681_	680	25	45	100	375	1.5	400
02-032F-751_	750	25	45	100	360	1.5	360
02-032F-821_	820	25	45	100	350	1.6	400
02-032F-911_	910	25	35	50	320	1.7	380
02-032F-102_	1000	25	35	50	290	1.8	370
02-032F-122_	1200	7.9	35	50	250	2.0	310
02-032F-152_	1500	7.9	28	50	200	2.3	330
02-032F-182_	1800	7.9	28	50	160	2.6	300
02-032F-222_	2200	7.9	28	50	160	2.8	280
02-032F-272_	2700	7.9	22	25	140	3.2	290
02-032F-332_	3300	7.9	22	25	110	3.4	290
02-032F-392_	3900	7.9	20	25	100	3.6	260
02-032F-472_	4700	7.9	20	25	90	4.0	260
02-032F-562_	5600	7.9	20	7.9	55	7.0	200
02-032F-682_	6800	7.9	20	7.9	45	8.0	180
02-032F-822_	8200	7.9	20	7.9	35	9.5	150
02-032F-103_	10000	7.9	20	7.9	25	12	100

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D	E	F	G
mm	2.92	2.79	2.1	2.03	0.51	1.52	0.51
inches	0.12	0.11	0.08	0.08	0.02	0.06	0.02



08.11.08