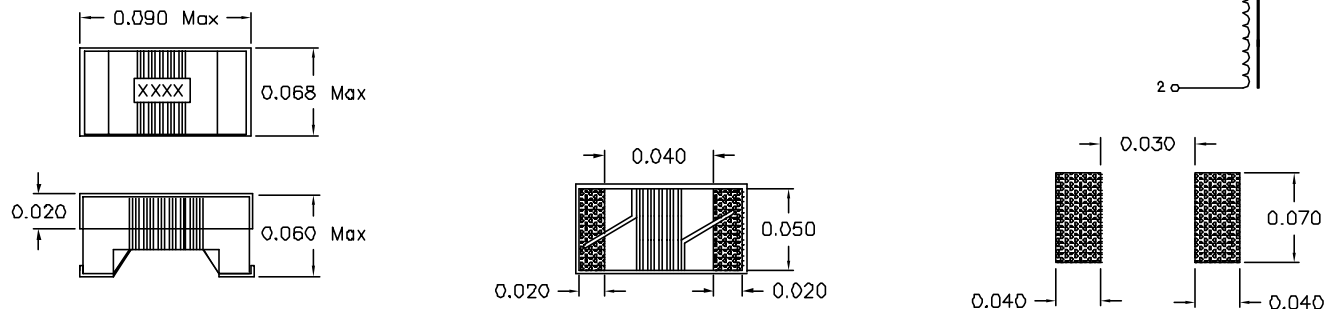


XFWICS0805 SERIES INDUCTORS

- * TAPE AND REEL PACKAGING FOR HIGH VOLUME MANUFACTURING
- 3000 PCS PER 7" REEL
- * FOR DC/DC CONVERTERS, DC/AC INVERTERS, VRM APPLICATIONS
- * TEMP. RISE; 15°C TYPICAL ABOVE 60°C AMBIENT
- * OPERATING TEMP.: -40°C TO +125°C
- * RoHS Compliant / Lead Free

Mechanical Dimensions:



Schematic:

Part Number	INDUCTANCE (nH)	Test Freq. (MHz)	Q Min	Test Freq. (MHz)	SRF Min. (MHz)	RDC Max (Ohms)	IDC Max (mA)
XFWICS0805-2N8_	2.8	250	80	1500	7900	0.06	800
XFWICS0805-3N0_	3.0	250	65	1500	7900	0.06	800
XFWICS0805-3N3_	3.3	250	50	1500	7900	0.08	600
XFWICS0805-5N6_	5.6	250	65	1000	5500	0.08	600
XFWICS0805-6N8_	6.8	250	50	1000	5500	0.11	600
XFWICS0805-7N5_	7.5	250	50	1000	4500	0.14	600
XFWICS0805-8N2_	8.2	250	50	1000	4700	0.12	600
XFWICS0805-10N_	10	250	60	500	4200	0.10	600
XFWICS0805-12N_	12	250	50	500	4000	0.15	600
XFWICS0805-15N_	15	250	50	500	3400	0.17	600
XFWICS0805-18N_	18	250	50	500	3300	0.20	600
XFWICS0805-22N_	22	250	55	500	2600	0.22	500
XFWICS0805-24N_	24	250	50	500	2000	0.22	500
XFWICS0805-27N_	27	250	55	500	2500	0.25	500
XFWICS0805-33N_	33	250	60	500	2050	0.27	500
XFWICS0805-36N_	36	250	55	500	1700	0.27	500
XFWICS0805-39N_	39	250	60	500	2000	0.29	500
XFWICS0805-43N_	43	200	60	500	1650	0.34	500
XFWICS0805-47N_	47	200	60	500	1650	0.31	500
XFWICS0805-56N_	56	200	60	500	1550	0.34	500
XFWICS0805-68N_	68	200	60	500	1450	0.38	500
XFWICS0805-82N_	82	150	65	500	1300	0.42	400
XFWICS0805-91N_	91	150	65	500	1200	0.48	400
XFWICS0805-R10_	100	150	65	500	1200	0.46	400
XFWICS0805-R11_	110	150	50	250	1000	0.48	400
XFWICS0805-R12_	120	150	50	250	1100	0.51	400
XFWICS0805-R15_	150	100	50	250	920	0.56	400
XFWICS0805-R18_	180	100	50	250	870	0.64	400
XFWICS0805-R22_	220	100	50	250	850	0.70	400
XFWICS0805-R24_	240	100	44	250	690	1.00	350
XFWICS0805-R27_	270	100	48	250	650	1.00	350
XFWICS0805-R33_	330	100	48	250	600	1.40	310
XFWICS0805-R39_	390	100	48	250	560	1.50	290
XFWICS0805-R47_	470	50	33	100	375	1.76	250
XFWICS0805-R56_	560	25	23	50	340	1.90	230
XFWICS0805-R68_	680	25	23	50	188	2.20	190
XFWICS0805-R82_	820	25	23	50	215	2.35	180

Inductance Tolerance: F=1%, G=2%, J=5%, K=10%, M=20%