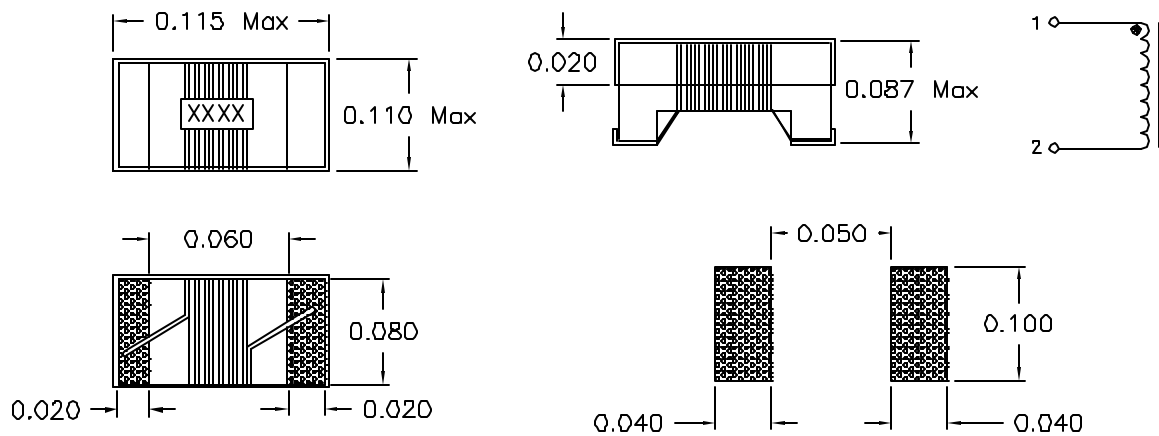


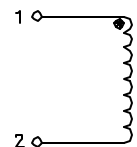
## XFWILS1008 SERIES INDUCTORS

- \* TAPE AND REEL PACKAGING FOR HIGH VOLUME MANUFACTURING
- 2000 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 Component

### Mechanical Dimensions:



### Schematic:



Part Number	INDUCTANCE (uH)	Test Freq. (MHz)	Q Min	Test Freq. (MHz)	SRF Min. (MHz)	RDC Max (Ohms)	IDC Max (mA)
XFWILS1008-1R0_	1.00 uH	7.9	48	50	230	0.60	670
XFWILS1008-1R2_	1.20 uH	7.9	48	50	210	0.68	650
XFWILS1008-1R5_	1.50 uH	7.9	41	50	190	0.76	630
XFWILS1008-1R8_	1.80 uH	7.9	39	50	170	0.84	600
XFWILS1008-2R2_	2.20 uH	7.9	34	50	150	1.10	520
XFWILS1008-2R7_	2.70 uH	7.9	34	50	135	1.28	490
XFWILS1008-3R3_	3.30 uH	7.9	32	7.9	120	1.46	450
XFWILS1008-3R9_	3.90 uH	7.9	32	7.9	105	1.56	420
XFWILS1008-4R7_	4.70 uH	7.9	31	7.9	90	1.68	400
XFWILS1008-5R6_	5.60 uH	7.9	31	7.9	80	1.82	380
XFWILS1008-6R8_	6.80 uH	7.9	31	7.9	70	2.00	360
XFWILS1008-8R2_	8.20 uH	7.9	23	7.9	65	2.65	330
XFWILS1008-100_	10.0 uH	7.9	31	7.9	60	2.95	300
XFWILS1008-120_	12.0 uH	2.52	25	2.52	55	3.80	270
XFWILS1008-150_	15.0 uH	2.52	25	2.52	50	4.40	240
XFWILS1008-180_	18.0 uH	2.52	25	2.52	45	4.80	220
XFWILS1008-220_	22.0 uH	2.52	25	2.52	40	5.50	210
XFWILS1008-270_	27.0 uH	2.52	25	2.52	35	6.30	200
XFWILS1008-330_	33.0 uH	2.52	25	2.52	30	7.10	180
XFWILS1008-390_	39.0 uH	2.52	25	2.52	25	9.50	170
XFWILS1008-470_	47.0 uH	2.52	25	2.52	20	11.10	150
XFWILS1008-560_	56.0 uH	2.52	20	2.52	15	12.10	140
XFWILS1008-680_	68.0 uH	2.52	20	2.52	10	16.60	130
XFWILS1008-820_	82.0 uH	2.52	20	2.52	8	19.00	120
XFWILS1008-101_	100.00 uH	0.796	10	0.796	7	21.00	110

Inductance Tolerance: J=5%, K=10%, M=20%

Doc Rev A/5