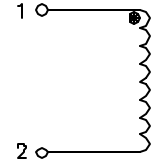


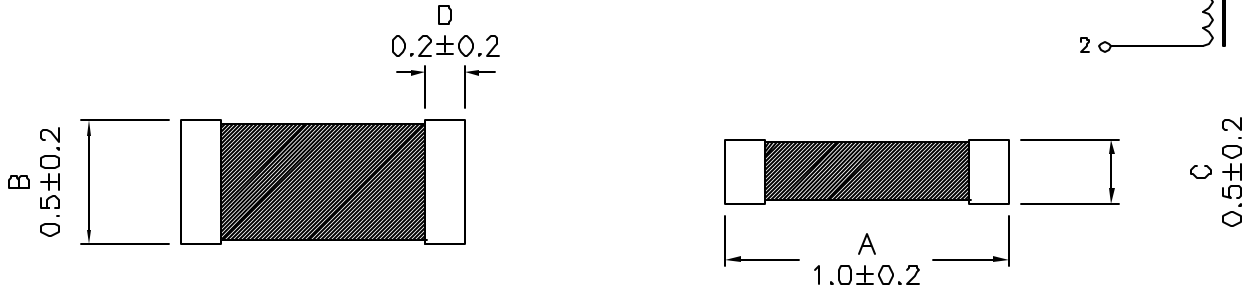
XFEI100505 SERIES INDUCTORS

- * TAPE AND REEL PACKAGING FOR HIGH VOLUME MANUFACTURING
10000 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

Schematic:



Mechanical Dimensions:



Part Number	INDUCTANCE (nH)	Q Min	SRF Min. (MHz)	RDC Max (Ohms)	IDC Max (mA)
XFEI100505-1N0	1.0	8	6000	0.10	300
XFEI100505-1N2	1.2	8	6000	0.10	300
XFEI100505-1N5	1.5	8	6000	0.10	300
XFEI100505-1N8	1.8	8	6000	0.10	300
XFEI100505-2N2	2.2	8	6000	0.12	300
XFEI100505-2N7	2.7	8	6000	0.12	300
XFEI100505-3N3	3.3	8	5200	0.15	300
XFEI100505-3N9	3.9	8	5150	0.15	300
XFEI100505-4N7	4.7	8	4800	0.18	300
XFEI100505-5N6	5.6	8	4100	0.20	300
XFEI100505-6N8	6.8	8	3800	0.25	300
XFEI100505-8N2	8.2	8	3500	0.25	300
XFEI100505-10N	10.0	8	3200	0.30	300
XFEI100505-12N	12.0	8	2600	0.30	300
XFEI100505-15N	15.0	8	2300	0.40	300
XFEI100505-18N	18.0	8	2050	0.50	300
XFEI100505-22N	22.0	8	1900	0.60	300
XFEI100505-27N	27.0	8	1700	0.70	300
XFEI100505-33N	33.0	8	1550	1.50	200
XFEI100505-39N	39.0	8	1450	1.80	200
XFEI100505-47N	47.0	8	1300	2.00	200
XFEI100505-56N	56.0	8	1250	2.00	200

Inductance Tolerance: (S: ±0.3nH, J: ±5%, K: ±10%)