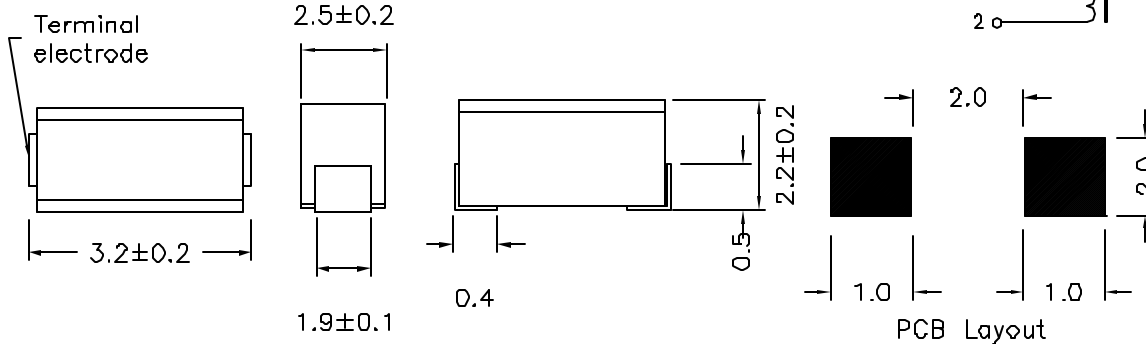
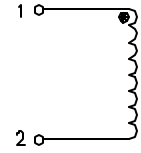


# XFMRS

## XFWI322522 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

Schematic:



Part Number	INDUCTANCE (uH)	Q Min	SRF Min. (MHz)	RDC Max (Ohms)	IDC Max (mA)	Test Frequency (MHz)
XFWI322522-10NX	0.010	15	2500	0.13	450	100
XFWI322522-12NX	0.012	17	2300	0.14	450	100
XFWI322522-15NX	0.015	19	2100	0.16	450	100
XFWI322522-18NX	0.018	21	1900	0.18	450	100
XFWI322522-22NX	0.022	26	1700	0.20	450	100
XFWI322522-27NX	0.027	23	1500	0.22	450	100
XFWI322522-33NX	0.033	25	1400	0.24	450	100
XFWI322522-39NX	0.039	25	1300	0.27	450	100
XFWI322522-47NX	0.047	26	1200	0.30	450	100
XFWI322522-56NX	0.056	26	1100	0.33	450	100
XFWI322522-68NX	0.068	27	1000	0.36	450	100
XFWI322522-82NX	0.082	27	900	0.40	450	100
XFWI322522-R10X	0.100	28	700	0.44	450	100
XFWI322522-R12X	0.120	30	500	0.22	450	25.2
XFWI322522-R15X	0.150	30	450	0.25	450	25.2
XFWI322522-R18X	0.180	30	400	0.28	450	25.2
XFWI322522-R22X	0.220	30	350	0.32	450	25.2
XFWI322522-R27X	0.270	30	320	0.36	450	25.2
XFWI322522-R33X	0.330	30	300	0.40	450	25.2
XFWI322522-R39X	0.390	30	250	0.45	450	25.2
XFWI322522-R47X	0.470	30	220	0.50	450	25.2
XFWI322522-R56X	0.560	30	180	0.55	450	25.2
XFWI322522-R68X	0.680	30	160	0.60	450	25.2
XFWI322522-R82X	0.820	30	140	0.65	450	25.2

Inductance Tolerance: (J: ±5%)

\*X: Please specify the inductance tolerance, K(±10%) or J(±5%)

## XFWI322522 SERIES INDUCTORS

Part Number	INDUCTANCE ( $\mu$ H)	Q Min	SRF Min. (MHz)	RDC Max (Ohms)	IDC Max (mA)	Test Frequency (MHz)
XFWI322522-1R0J	1.0	30	120	0.70	400	7.96
XFWI322522-1R2J	1.2	30	100	0.75	390	7.96
XFWI322522-1R5J	1.5	30	85	0.85	370	7.96
XFWI322522-1R8J	1.8	30	80	0.90	350	7.96
XFWI322522-2R2J	2.2	30	75	1.00	320	7.96
XFWI322522-2R7J	2.7	30	70	1.10	290	7.96
XFWI322522-3R3J	3.3	30	60	1.20	260	7.96
XFWI322522-3R9J	3.9	30	55	1.30	250	7.96
XFWI322522-4R7J	4.7	30	50	1.50	220	7.96
XFWI322522-5R6J	5.6	30	45	1.60	200	7.96
XFWI322522-6R8J	6.8	30	40	1.80	180	7.96
XFWI322522-8R2J	8.2	30	35	2.00	170	7.96
XFWI322522-100J	10	30	30	2.10	150	2.52
XFWI322522-120J	12	30	20	2.50	140	2.52
XFWI322522-150J	15	30	20	2.80	130	2.52
XFWI322522-180J	18	30	20	3.30	120	2.52
XFWI322522-220J	22	30	20	3.70	110	2.52
XFWI322522-270J	27	30	20	5.00	80	2.52
XFWI322522-330J	33	30	17	5.60	70	2.52
XFWI322522-390J	39	30	16	6.40	65	2.52
XFWI322522-470J	47	30	15	7.00	60	2.52
XFWI322522-560J	56	30	13	8.00	55	2.52
XFWI322522-680J	68	30	12	9.00	50	2.52
XFWI322522-820J	82	30	11	10.0	45	2.52
XFWI322522-101J	100	20	10	10.0	40	0.796
XFWI322522-121J	120	20	10	11.0	70	0.796
XFWI322522-151J	150	20	8	15.0	65	0.796
XFWI322522-181J	180	20	7	17.0	60	0.796
XFWI322522-221J	220	20	7	21.0	50	0.796
XFWI322522-271J	270	20	6	28.0	45	0.796
XFWI322522-331J	330	20	5	34.0	40	0.796
XFWI322522-391J	390	20	5	42.0	35	0.796
XFWI322522-471J	470	20	4	40.0	25	0.796

Inductance Tolerance: (J:  $\pm 5\%$ )

\*X: Please specify the inductance tolerance, K( $\pm 10\%$ ) or J( $\pm 5\%$ )