

Surface Mount RF Transformer

50Ω 0.1 to 200 MHz

T-622+
T-622



Generic photo used for illustration purposes only
CASE STYLE: W38

+RoHS Compliant
The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications

Maximum Ratings

Operating Temperature	-20°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	0.25W
DC Current	30mA

Permanent damage may occur if any of these limits are exceeded.

Pin Connections

PRIMARY DOT	X1, Y2, Z3
PRIMARY	X6, Y5, Z4

Features

- wideband, 0.1 to 200 MHz
- single ended to balanced with impedance ratio selection
- also available with surface mount gull wing (KK81) plug-in (X65) leads

Applications

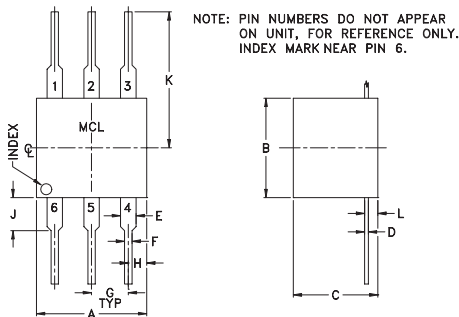
- HF/VHF
- test equipment

Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
1:1:1	0.1-200	0.1-200	0.5-100	5-80

* Insertion Loss is referenced to mid-band loss, 0.4 dB typ.

Outline Drawing



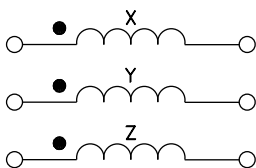
Outline Dimensions (inch/mm)

A	B	C	D	E	F
.30	.27	.23	.010	.042	.020
7.62	6.86	5.84	0.25	1.07	0.51
G	H	J	K	L	wt
.100	.05	.09	.31	.036	grams
2.54	1.27	2.29	7.87	0.91	0.50

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.10	1.73	8.82
0.50	0.78	18.15
1.00	0.63	21.65
2.00	0.55	24.53
5.00	0.54	26.30
80.00	0.65	20.29
90.00	0.67	19.50
100.00	0.69	18.77
150.00	0.79	15.97
200.00	0.91	13.93

Config. F



Notes

- Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
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