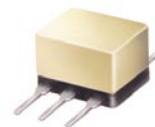


# Surface Mount RF Transformer

50Ω 0.1 to 200 MHz

**T-622+  
T-622**



## Maximum Ratings

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

## 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

CASE STYLE: W38  
PRICE: \$3.25 ea. QTY (1-9)

**+ RoHS compliant in accordance  
with EU Directive (2002/95/EC)**

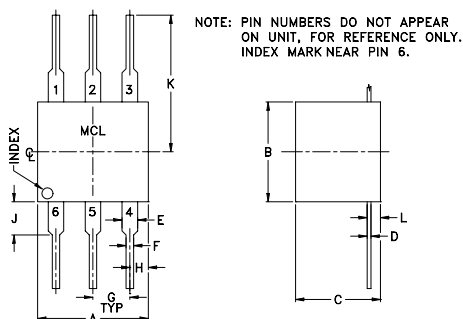
*The +Suffix identifies RoHS Compliance. See our web site  
for RoHS Compliance methodologies and qualifications.*

## 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.

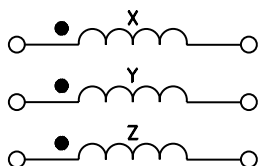
## Outline Drawing



## Outline Dimensions (inch)

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

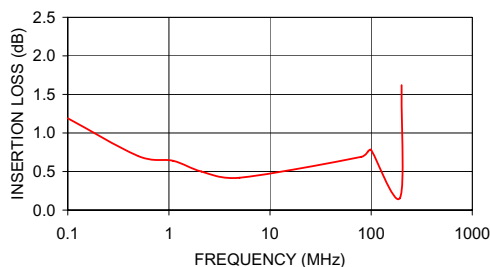
## Config. F



## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.10	1.19	7.87
0.50	0.70	17.40
1.10	0.64	20.99
2.10	0.50	24.10
5.00	0.42	26.99
80.00	0.69	14.78
93.05	0.76	13.92
100.00	0.78	13.50
193.00	0.16	8.19
200.00	1.62	8.08

T-622  
INSERTION LOSS



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