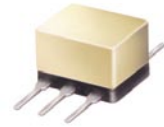


# Surface Mount RF Transformer

50Ω      0.3 to 120 MHz

**T16-1+**  
**T16-1**



CASE STYLE: W38  
PRICE: \$4.45 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.*

## 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	4
PRIMARY	6
SECONDARY DOT	3
SECONDARY	1
SECONDARY CT	—
NOT USED	2,5

## Features

- wideband, 0.3 to 120 MHz
- excellent return loss
- also available with plug-in (X65) surface mount gull-wing (KK81) leads

## Applications

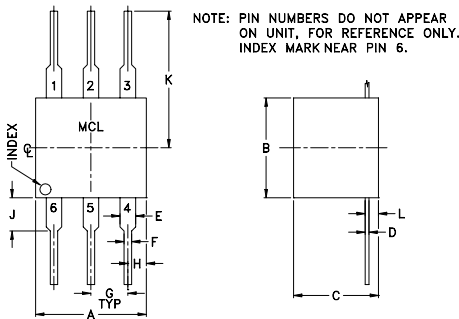
- HF/VHF
- impedance matching
- receivers/transmitters

## Transformer Electrical Specifications

Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
16	0.3-120	0.3-120	0.7-80	5-20

\*Insertion Loss is referenced to mid-band loss, 0.8 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

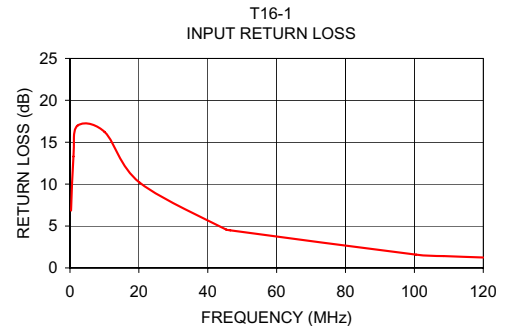
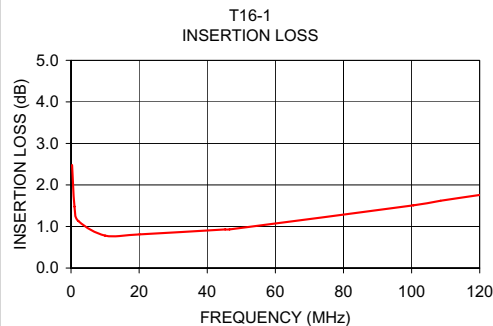
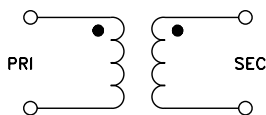
  

G	H	J	K	L	wt
.100	.05	.09	.31	.036	grams
2.54	1.27	2.29	7.87	0.91	0.50

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.30	2.48	6.85
1.01	1.48	13.30
2.17	1.13	16.98
10.03	0.78	16.23
20.13	0.81	10.21
45.28	0.93	4.59
46.55	0.93	4.49
100.51	1.51	1.58
108.53	1.62	1.41
120.00	1.76	1.24

## Config. C



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RF/IF MICROWAVE COMPONENTS

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