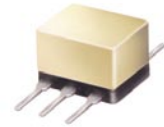


# Surface Mount RF Transformer

50Ω 0.1 to 45 MHz

TT16-1+  
TT16-1



CASE STYLE: W38  
PRICE: \$9.95 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	250mW
DC Current	30mA

## Pin Connections

PRIMARY DOT	4
PRIMARY	6
PRIMARY CT	5
SECONDARY DOT	3
SECONDARY	1
SECONDARY CT	2

## Features

- good return loss
- also available with surface mount gull wing (KK81) plug-in (X65) leads

## Applications

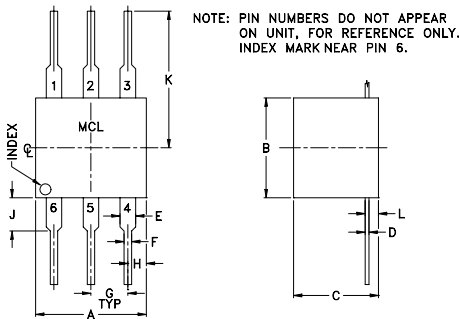
- HF
- radio communication
- impedance matching

## Transformer Electrical Specifications

Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
16	0.1-45	0.1-45	0.14-35	1-20

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

## Outline Drawing



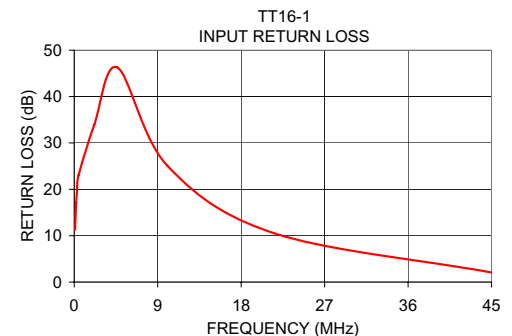
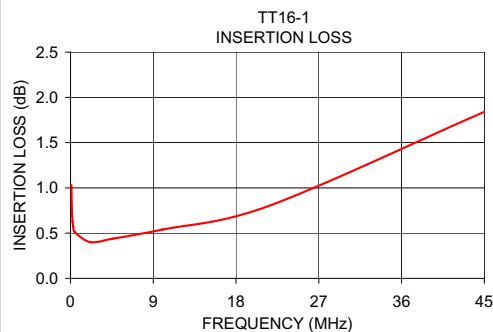
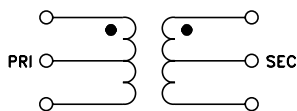
## Outline Dimensions (inch/mm)

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	1.03	11.30
0.15	0.76	14.27
0.22	0.63	17.22
0.30	0.57	19.65
0.47	0.51	23.01
2.17	0.40	33.97
4.66	0.44	46.27
10.03	0.54	25.12
21.54	0.80	10.53
45.00	1.84	2.08

## Config. B



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RF/IF MICROWAVE COMPONENTS

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