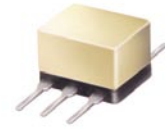


# Surface Mount RF Transformer

50Ω 0.1 to 300 MHz

## TT4-1A+ TT4-1A



CASE STYLE: W38  
PRICE: \$6.95 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

- wideband, 0.1 to 300 MHz
- good return loss
- also available with surface mount gull wing (KK81) plug-in (X65) leads

### Applications

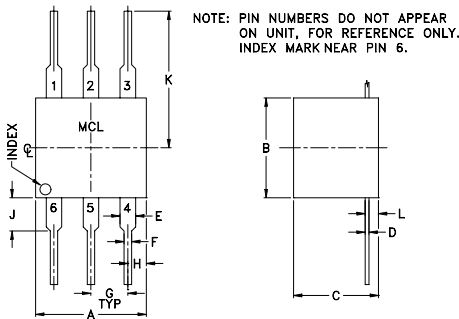
- VHF/UHF
- impedance matching
- receivers/transmitters

### Transformer Electrical Specifications

Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
4	0.1-300	0.1-300	0.2-250	0.3-180

\* Insertion Loss is referenced to mid-band loss, 0.3 dB typ.

### Outline Drawing



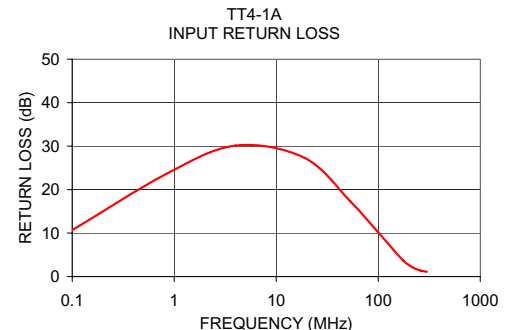
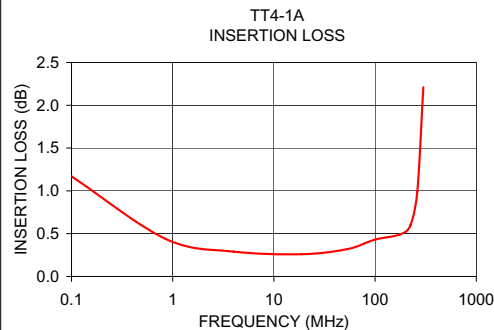
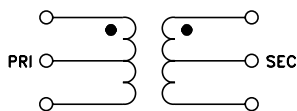
### Outline Dimensions (inch/mm)

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	1.17	10.70
0.85	0.44	23.68
4.00	0.29	30.12
18.93	0.26	27.31
53.35	0.32	17.29
99.34	0.43	10.23
175.64	0.49	3.69
223.68	0.60	1.96
261.29	0.99	1.36
300.00	2.21	1.09

### Config. B



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RF/IF MICROWAVE COMPONENTS

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