

# Surface Mount RF Transformer

50Ω 0.02 to 30 MHz

## TT25-1-KK81+ TT25-1-KK81



### 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

- excellent return loss
- also available with plug-in (X65) and flat-pack (W38) leads

### Applications

- HF
- radio communication systems
- impedance matching
- ham radio

CASE STYLE: KK81  
PRICE: \$9.95 ea. QTY (1-9)

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

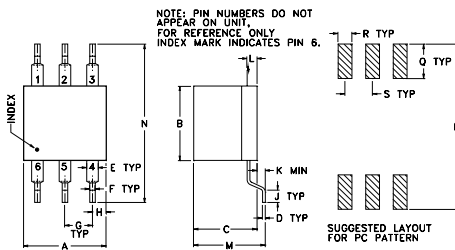
The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

### Transformer Electrical Specifications

Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
25	0.02-30	0.02-30	0.05-20	0.1-10

\* Below 0.05 MHz, Insertion Loss is specified for room temperature and above.

### Outline Drawing



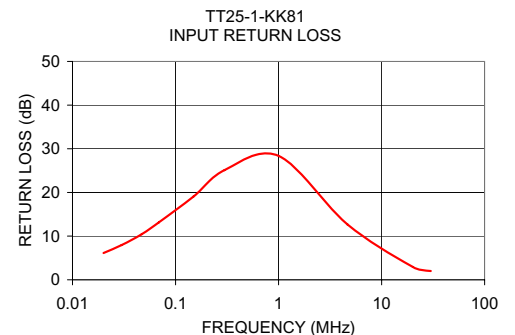
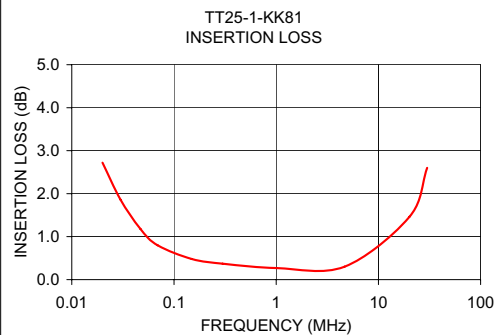
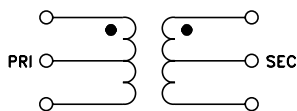
### Outline Dimensions (inch)

A	B	C	D	E	F	G	H	J
.30	.27	.23	.010	.042	.020	.100	.05	.05
7.62	6.86	5.84	0.25	1.07	0.51	2.54	1.27	1.27
K	L	M	N	P	Q	R	S	wt
.020	.036	.26	.575	.600	.125	.050	.100	grams
0.51	0.91	6.60	14.61	15.24	3.18	1.27	2.54	0.50

### Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.02	2.72	6.13
0.03	1.86	7.95
0.05	1.18	10.45
0.07	0.80	13.16
0.15	0.48	19.05
0.30	0.37	25.11
1.01	0.27	28.34
4.66	0.30	12.69
20.13	1.46	2.94
30.00	2.60	2.00

### Config. B



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RF/IF MICROWAVE COMPONENTS

REV. A  
M98898  
TT25-1-KK81  
IG/TD/CP  
070718