

# Surface Mount RF Transformer

50Ω 0.050 to 600 MHz

T2-1-KK81+  
T2-1-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	6
PRIMARY	3
SECONDARY DOT	1
SECONDARY	3
CASE EXT.	3
NOT USED	2,4,5

## Features

- wideband, 0.05 to 600 MHz
- excellent return loss
- also available with plug-in (X65) & flat-pack (W38) leads

## Applications

- impedance matching
- VHF/UHF

CASE STYLE: KK81

PRICE: \$3.95 ea. QTY (1-9)

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

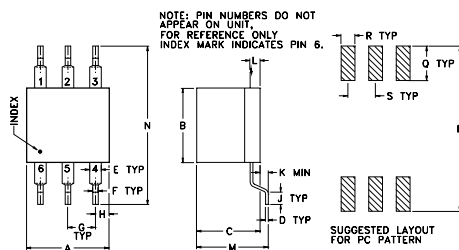
*The +Suffix identifies RoHS Compliance. See our web site  
for RoHS Compliance methodologies and qualifications.*

## Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
2	0.050-600	0.050-600	0.1-400	0.5-200

\* Insertion Loss is referenced to mid-band loss, 0.2 dB typ.

## Outline Drawing



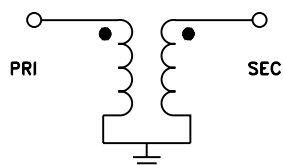
## Outline Dimensions (inch)

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

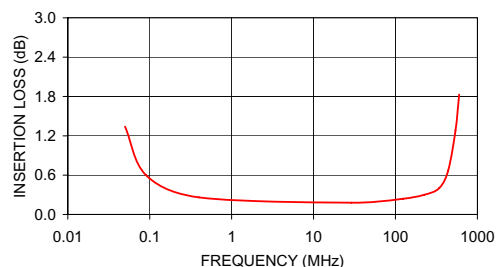
## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.05	1.34	8.81
0.09	0.60	13.01
0.40	0.26	20.91
29.00	0.18	23.40
124.00	0.24	18.97
225.00	0.30	14.27
340.00	0.40	10.01
440.00	0.67	7.14
540.00	1.28	4.96
600.00	1.83	4.07

## Config. D



T2-1-KK81  
INSERTION LOSS



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