

# Surface Mount RF Transformer

50Ω 0.03 to 75 MHz

## T16-6T-KK81+ T16-6T-KK81



CASE STYLE: KK81  
PRICE: \$5.65 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	2
NOT USED	5

### Features

- good return loss
- also available with plug-in (X65), flat-pack (W38) leads

### Applications

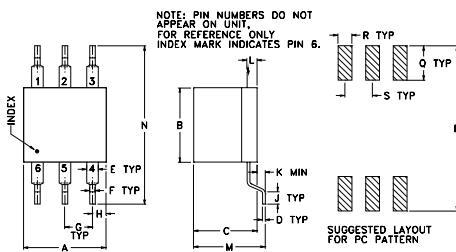
- HF/VHF systems
- impedance matching

### Transformer Electrical Specifications

Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
16	0.03-75	0.03-75	0.06-30	0.1-20

\*Insertion Loss is referenced to mid-band loss, 0.5 dB typ.

### Outline Drawing



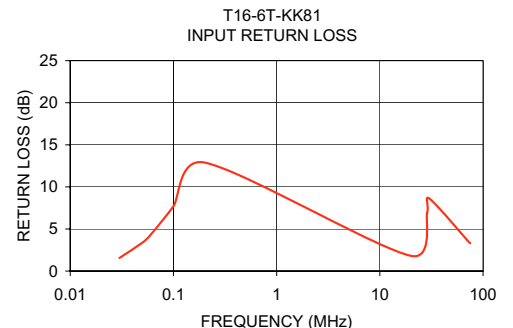
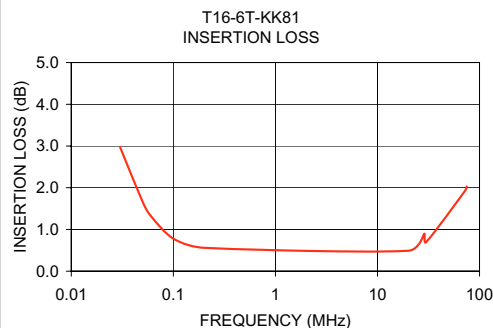
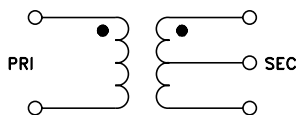
### Outline Dimensions (inch)

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)
0.03	2.98	1.55
0.05	1.66	3.37
0.06	1.33	4.30
0.10	0.70	7.70
0.20	0.56	12.89
20.00	0.49	1.81
28.74	0.90	6.92
30.00	0.70	8.64
72.34	1.93	3.49
75.00	2.03	3.32

### Config. A



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RF/IF MICROWAVE COMPONENTS

REV. A  
M98898  
T16-6T-KK81  
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