

Surface Mount RF Transformer

50Ω 0.02 to 250 MHz

T4-6T-KK81+ T4-6T-KK81



Maximum Ratings

Operating Temperature	-20°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	0.25W
DC Current	30mA

Permanent damage may occur if any of these limits are exceeded.

Pin Connections

PRIMARY DOT	4
PRIMARY	6
SECONDARY DOT	3
SECONDARY	1
SECONDARY CT	2
NOT USED	5

Features

- wideband, 0.02 to 250 MHz
- excellent return loss
- also available with flat-pack (W38), plug-in (X65) leads

Applications

- impedance matching
- push-pull amplifier

CASE STYLE: KK81
PRICE: \$5.65 ea. QTY (1-9)

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

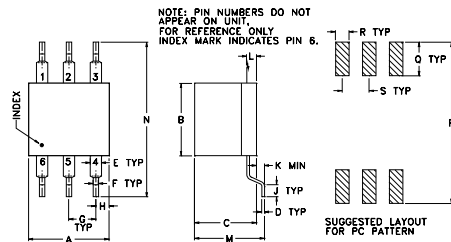
The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Transformer Electrical Specifications

Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
4	0.02-250	0.02-250	0.05-150	0.1-100

*Insertion Loss is referenced to mid-band loss, 0.25 dB typ.

Outline Drawing



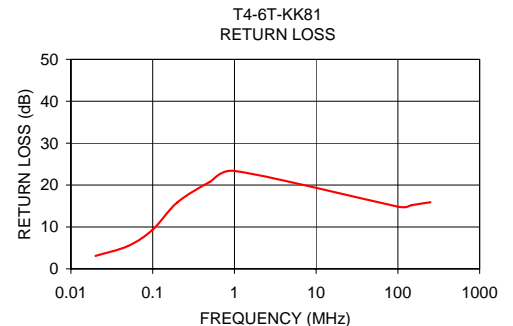
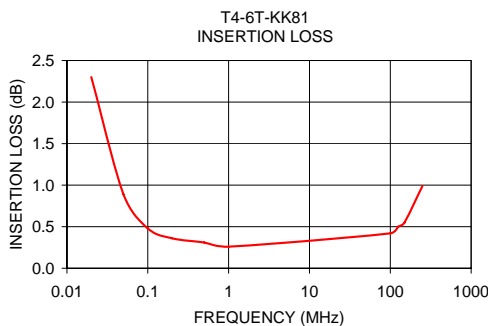
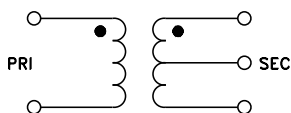
Outline Dimensions (inch)

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)
0.02	2.30	3.08
0.05	0.89	5.47
0.10	0.48	9.35
0.20	0.36	15.86
0.50	0.31	20.74
1.00	0.26	23.39
100.00	0.42	14.83
125.01	0.50	14.73
150.00	0.55	15.23
250.00	0.99	15.91

Config. A



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IF/RF MICROWAVE COMPONENTS

REV. A
M98898
T4-6T-KK81
IG/TD/CP
070625