

Surface Mount RF Transformer

50Ω

0.02 to 250 MHz

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



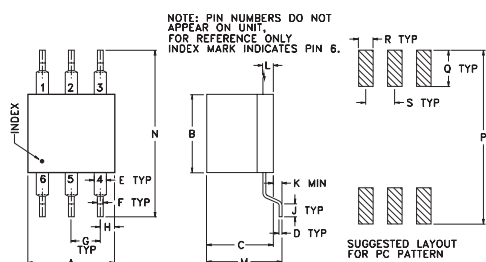
Maximum Ratings

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

Pin Connections

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

Outline Drawing

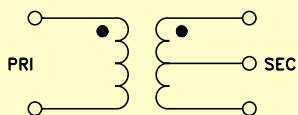


Outline Dimensions (inch)

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

Config. A



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)

See our web site for RoHS Compliance methodologies
and qualifications.

Transformer Electrical Specifications

MODEL NO.	Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
			3 dB MHz	2 dB MHz	1 dB MHz
T4-6T-KK81(+)	4	.02-250	.02-250	.05-150	0.1-100

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

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

T4-6T-KK81
INSERTION LOSS

