

Surface Mount

RF Transformer

T1-6T-KK81+ T1-6T-KK81

50Ω 0.015 to 300 MHz



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

- wideband, 0.015 to 300 MHz
- excellent return loss
- also available with plug-in (X65) flat pack (W38) leads

CASE STYLE: KK81
PRICE: \$6.95 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.

Applications

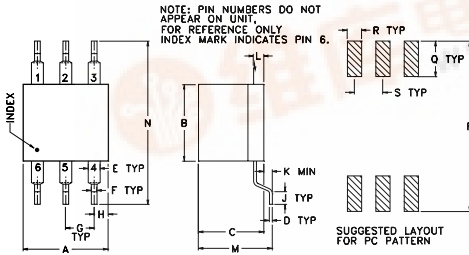
- VHF/UHF receivers/transmitters
- impedance matching

Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
1	0.015-300	0.015-300	0.21-150	0.03-50

*Insertion Loss is referenced to mid-band loss, 0.1 dB typ.

Outline Drawing



Outline Dimensions (inch/mm)

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	1.24	11.77
0.13	0.21	26.45
1.15	0.12	37.26
47.47	0.40	19.27
111.99	0.66	14.92
147.83	0.74	14.64
175.75	0.75	15.08
209.75	0.77	16.64
250.25	0.84	20.06
300.00	1.09	26.64

Config. A

