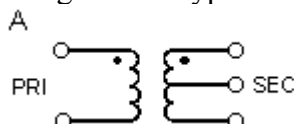


RF Transformer



Configuration Type:

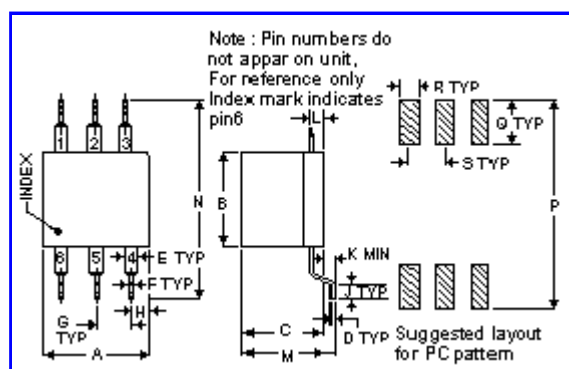


T1-6T-KK81

Ω RATIO	Frequency MHz	Insertion Loss			Case Style	Conn- ection
		3 dB MHz	2 dB MHz	1 dB MHz		
1	0.02-300	0.02-300	0.02-150	0.03-50	KK81	ev

Pin Connections

Port	Primary Dot	Primary	Primary CT	Second- ary Dot	Second- ary	Second- ary CT	Gnd Ext.	Case Gnd	Not Used
ev	4	6	-	3	1	2	-	-	5



Case Style - KK81 (inch,mm) weight: 0.5 grams.

A	B	C	D	E	F	G	H	J
.30	.27	.23	.010	.042	.020	.100	.05	.05
7.620	6.858	5.842	0.254	1.067	0.508	2.540	1.270	1.270
K	L	M	N	P	Q	R	S	T
.020	.036	.26	.575	.600	.125	.050	.100	
0.508	0.914	6.604	14.605	15.240	3.175	1.270	2.540	

Tolerance: .x ± .1 .xx ± .03 .xxx ± .015 inch.

Material and Finish:

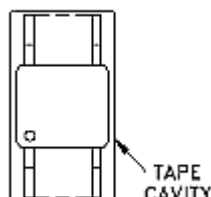
Case material: plastic. Lead finish: tin-lead plate or tin plate.

Special Tolerances:

Lead width ±.010 inch; lead thickness ±.003 inch.

Packaging:

UNIT ORIENTATION



DIRECTION OF FEED →

Packaging information:

Tape Width(mm): 24

Reel Size(inches): 13

Device Cavity Pitch(mm): 12

Devices Per Reel: 900

Notes:

- FOR A AND B CONFIGURATIONS:
Typical Amplitude Unbalance: 0.1 dB over 1 dB frequency range; 0.5 dB over entire frequency range.
Typical Phase Unbalance: 1.0° over 1 dB frequency range; 5.0° over entire frequency range.
- Absolute power, voltage and current ratings:
RF input power: 0.25 Watt rating
DC current, 30mA.
- Operating temperature range is -20°C to +85°C.
- Impedance ratio = secondary/primary
- For Surface Mount Environmental Specifications, please click [here](#).
Re-flow soldering information is available in ["Surface Mount"](#) article.
- Non-hermetic
- Insertion loss referenced to mid-band loss
- General Quality Control Procedures and Environmental Specifications are given in [Mini-Circuits Guarantees Quality](#).
Hi-Rel, MIL description are given in [Hi-Rel and MIL](#)
- Prices and Specifications subjects to change without notice.

Insertion Loss	Input Return Loss
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FREQ. (MHz)	Insertion Loss(dB)	Input Return Loss(dB)
0.015	1.24	11.77
0.125	0.21	26.45
1.153	0.12	37.26
47.474	0.40	19.27
111.989	0.66	14.92
147.833	0.74	14.64
175.753	0.75	15.08
209.750	0.77	16.64
250.250	0.84	20.06
300.000	1.09	26.64



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