

# Surface Mount RF Transformer

50Ω 0.01 to 10 MHz

T-626-KK81+  
T-626-KK81



CASE STYLE: KK81

## +RoHS Compliant

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

## Pin Connections

PRIMARY DOT	X1,Y2,Z3
PRIMARY	X6,Y5,Z4

## Features

- single ended to balanced with impedance ratio selection
- also available with plug-in (X65) & flat pack (W38) leads

## Applications

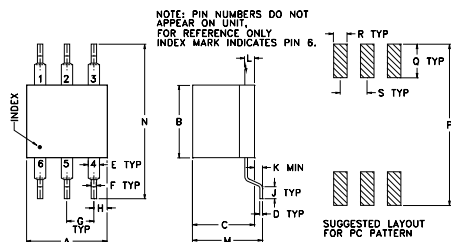
- HF
- test equipment

## Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
1:1:1	0.01-10	0.01-10	0.02-5	0.04-2

\* Insertion Loss is referenced to mid-band loss, 0.15 dB typ.

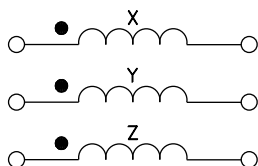
## Outline Drawing



## 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

## Config. F



## Notes

- Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
- Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
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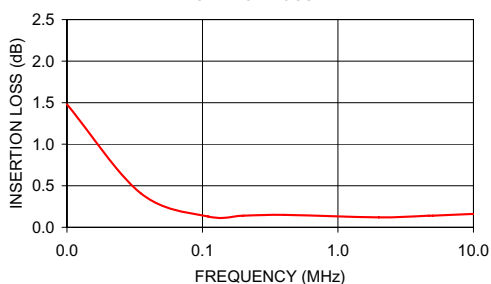


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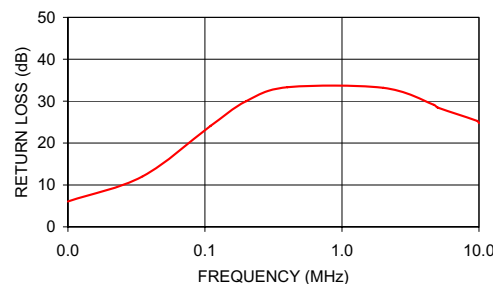
## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.01	1.48	6.06
0.04	0.41	12.04
0.11	0.13	24.10
0.20	0.14	30.00
0.40	0.15	33.34
2.00	0.12	33.19
4.68	0.14	29.13
5.00	0.14	28.47
9.68	0.16	25.30
10.00	0.16	24.75

T-626-KK81  
INSERTION LOSS



T-626-KK81  
INPUT RETURN LOSS



REV. B  
M151107  
T-626-KK81  
IG/TD/CP  
151007