

50Ω 0.3 to 120 MHz



CASE STYLE: 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

- good return loss
- also available with in plug-in (X65), flat-pack (W38) leads

Applications

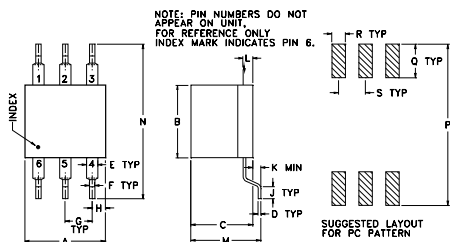
- VHF receivers/transmitters
- impedance matching

Transformer Electrical Specifications

Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
13	0.3-120	0.3-120	0.7-80	5-20

*Insertion Loss is referenced to mid-band loss, 0.8 dB typ.

Outline Drawing



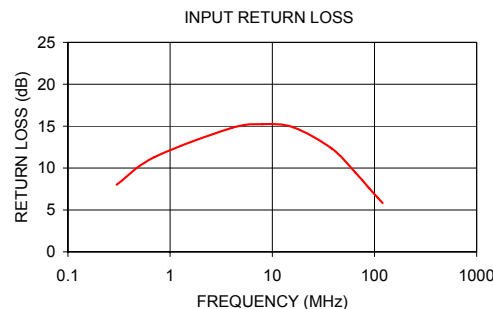
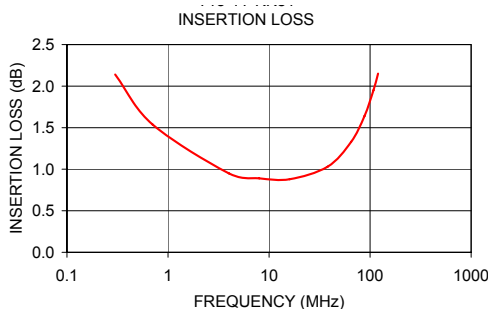
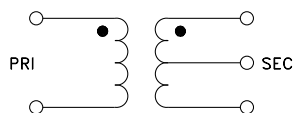
Outline Dimensions (inch)

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)
0.30	2.14	8.01
0.70	1.54	11.30
4.00	0.95	14.78
8.00	0.89	15.23
16.00	0.88	14.87
38.00	1.03	12.35
65.00	1.33	9.47
88.00	1.64	7.64
108.00	1.95	6.44
120.00	2.15	5.82

Config. A



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.
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