

Surface Mount RF Transformer

T9-1H-KK81+ T9-1H-KK81

50Ω 2 to 90 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
NOT USED	2,5

Features

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

Applications

- HF/VHF
- ham radio
- receivers/transmitters

CASE STYLE: KK81
PRICE: \$6.45 ea. QTY (1-9)

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

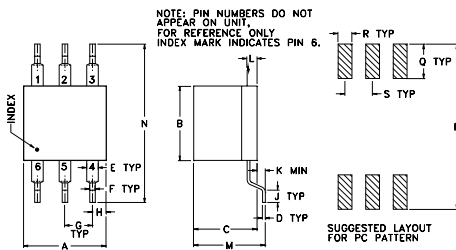
The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
9	2-90	2-90	3-75	6-50

* Insertion Loss is referenced to mid-band loss, 0.3 dB typ.

Outline Drawing



Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
2.00	2.54	5.37
2.80	1.71	7.56
4.80	0.84	11.96
15.00	0.30	34.60
38.00	0.55	16.23
54.00	0.89	12.23
66.00	1.21	10.29
77.00	1.54	8.83
86.00	1.84	7.82
95.00	2.16	6.98

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. C

