

Surface Mount RF Transformer

50Ω 10 to 250 MHz

T4-1-2W-KK81+ T4-1-2W-KK81



Maximum Ratings

Operating Temperature	-20°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	2W
DC Current	30mA

Pin Connections

PRIMARY DOT	4
PRIMARY	6
SECONDARY DOT	3
SECONDARY	1
SECONDARY CT	—
NOT USED	2,5

Features

- wideband, 10 to 250 MHz
- good return loss
- also available with plug-in (X65) and flat-pack (W38) leads

Applications

- HF/VHF
- receivers/transmitters
- impedance matching

CASE STYLE: KK81
PRICE: \$5.95 ea. QTY (1-9)

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

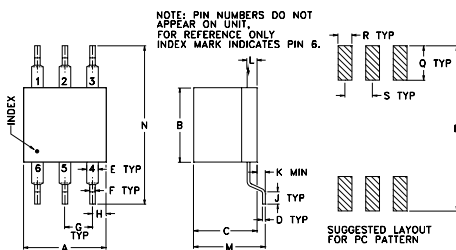
The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
4	10-250	—	—	10-250

*Insertion Loss is referenced to mid-band loss, 0.3 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)
10.00	0.27	25.21
46.00	0.26	29.62
82.00	0.27	27.41
110.00	0.28	24.75
131.00	0.30	22.67
148.00	0.31	21.04
168.00	0.32	19.23
194.00	0.33	17.07
229.00	0.37	14.47
250.00	0.42	13.08

Config. C

