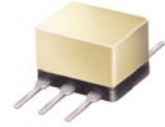


Surface Mount RF Transformer

50Ω 0.015 to 300 MHz

T1-6T+
T1-6T



CASE STYLE: W38
PRICE: \$ 6.95 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.

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
SECONDARY CT	2
NOT USED	5

Features

- wideband, 0.015 to 300 MHz
- excellent return loss
- also available with surface mount gull wing (KK81) plug-in (X65) leads

Applications

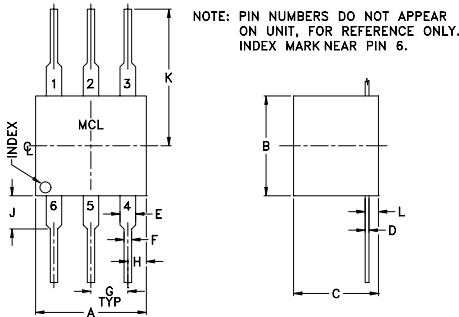
- VHF/UHF receivers/transmitters
- impedance matching

Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
1	0.015-300	0.015-300	0.21-150	0.03-50

*Insertion Loss is referenced to mid-band loss, 0.1 dB typ.

Outline Drawing



Outline Dimensions (inch/mm)

A	B	C	D	E	F
.30	.27	.23	.010	.042	.020
7.62	6.86	5.84	0.25	1.07	0.51
G	H	J	K	L	wt
.100	.05	.09	.31	.036	grams
2.54	1.27	2.29	7.87	0.91	0.50

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.02	1.24	11.77
0.13	0.21	26.45
1.15	0.12	37.26
47.47	0.40	19.27
111.99	0.66	14.92
147.83	0.74	14.64
175.75	0.75	15.08
209.75	0.77	16.64
250.25	0.84	20.06
300.00	1.09	26.64

Config. A

