

Surface Mount RF Transformer

50Ω 0.07 to 200 MHz

T2-1T+
T2-1T



CASE STYLE: W38
PRICE: \$4.95 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

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

- wideband, 0.07 to 200 MHz
- good return loss
- also available with surface mount gull wing (KK81) plug-in (X65) leads

Applications

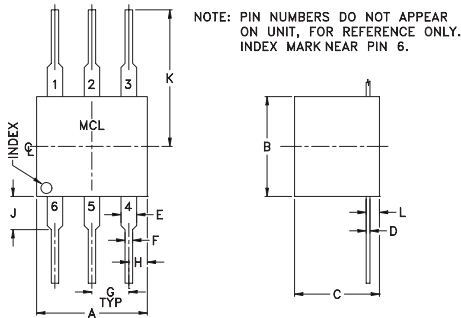
- balanced to unbalanced transformation
- balanced antennas
- push-pull amplifiers

Transformer Electrical Specifications

Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
2	0.07-200	0.07-200	0.1-100	0.5-50

*Insertion Loss is referenced to mid-band loss, 0.4 dB typ.

Outline Drawing



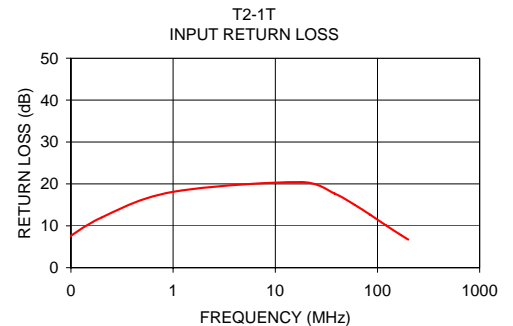
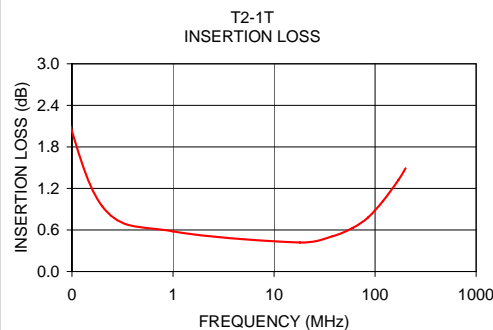
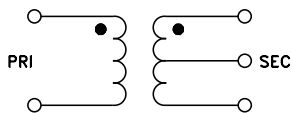
Outline Dimensions (inch)

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)
0.07	2.74	5.10
0.20	0.94	12.00
1.00	0.58	18.12
18.00	0.42	20.44
38.00	0.51	17.69
60.00	0.63	14.99
85.00	0.78	12.62
120.00	1.02	10.17
170.00	1.32	7.77
200.00	1.49	6.72

Config. A



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The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

REV. A
M98898
T2-1T
IG/TD/CP
070802