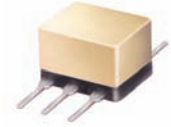


Surface Mount RF Transformer

50Ω 0.08 to 200 MHz

T1-1T+
T1-1T



CASE STYLE: W38
PRICE: \$4.45 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.

Maximum Ratings

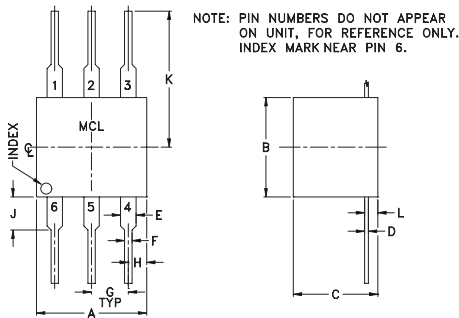
Operating Temperature	-20°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	0.25W
DC Current	30mA

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

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

Features

- wideband, 0.08 to 200 MHz
- excellent return loss
- also available with surface mount gull wing (KK81) plug-in (X65) leads

Applications

- VHF
- receivers/transmitters

Transformer Electrical Specifications

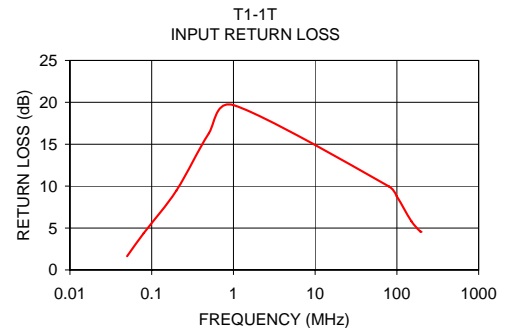
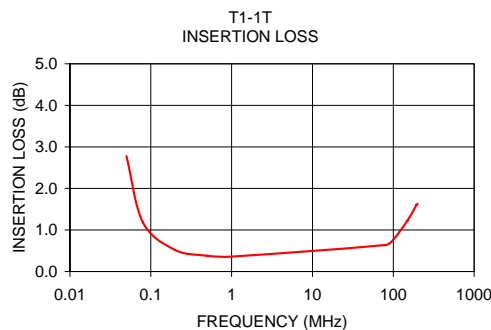
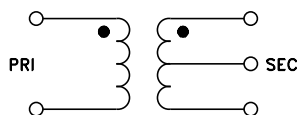
Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
1	0.08-200	.08-200	0.15-150	0.2-80

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

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.05	2.78	1.64
0.08	1.18	4.39
0.20	0.52	9.45
0.50	0.38	16.31
1.00	0.36	19.67
80.00	0.64	9.96
99.33	0.76	8.80
150.00	1.23	5.83
192.51	1.60	4.60
200.00	1.63	4.55

Config. A



Mini-Circuits
ISO 9001 ISO 14001 AS 9100 CERTIFIED

minicircuits.com

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site



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

IF/RF MICROWAVE COMPONENTS

REV. A
M98898
T1-1T
IG/TD/CP/AM
070801