

Surface Mount RF Transformer

50Ω 10 to 2000 MHz

TRS1.5-1T-13-2+



CASE STYLE: AT577
PRICE: contact sales department

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

The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Maximum Ratings

Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	0.25W
DC Current	30mA

Pin Connections

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

Features

- wideband, 10 to 2000 MHz
- small size
- aqueous washable

Applications

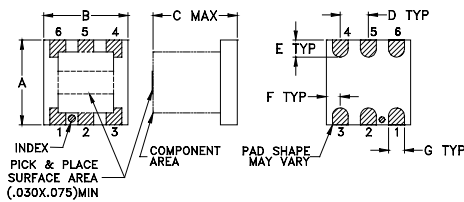
- VHF/UHF
- receivers/transmitters
- impedance matching

Transformer Electrical Specifications

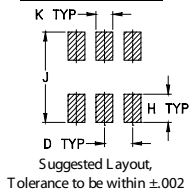
Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
1.5	10-2000	10-2000	10-1600	10-800

* Insertion Loss is referenced to mid-band loss, 0.32 dB typ.

Outline Drawing



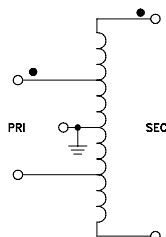
PCB Land Pattern



Outline Dimensions (inch)

A	B	C	D	E	F
.200	.200	.200	.075	.050	.025
5.08	5.08	5.08	1.91	1.27	0.64
G	H	J	K	wt	
.026	.070	.220	.035	grams	
0.66	1.78	5.59	0.89	0.15	

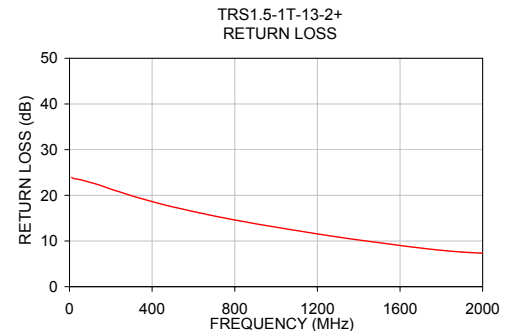
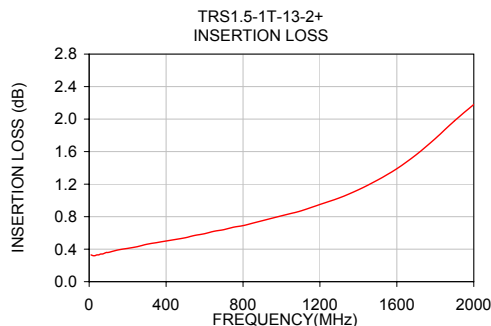
Config. L



NON-CATALOG

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
10.00	0.33	23.93
50.00	0.33	23.43
100.00	0.36	22.84
200.00	0.41	21.37
500.00	0.54	17.47
800.00	0.69	14.61
1000.00	0.81	13.03
1500.00	1.25	9.63
1600.00	1.39	9.03
2000.00	2.18	7.34



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IF/RF MICROWAVE COMPONENTS

REV. OR
M122805
ED-13382/2
TRS1.5-1T-13-2+
IG/CP/AM
090520