NON-CATALOG

RF Transformer

TTMO-1-1+

 50Ω

0.005 to 100 MHz

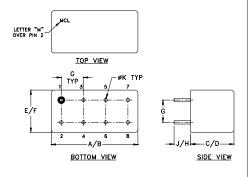
Maximum Ratings

Operating Temperature	-55°C to 100°C		
Storage Temperature	-55°C to 100°C		
RF Power	250mW		
DC Current	30mA		
Dermanant damage may easy if any of these limits are even			

Pin Connections

PRIMARY DOT	1
PRIMARY	5
SECONDARY DOT	2
SECONDARY	6
SECONDARY CT	4
CASE GROUND	7,8
PRIMARY CT	3

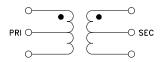
Outline Drawing



Outline Dimensions (inch)

-	E	D	C	В	А
.230	.210	.405	.390	.500	.480
5.84	5.33	10.29	9.91	12.70	12.19
wt		K	J	Н	G
grams		.020	.14	.20	.100
2.3		0.51	3.56	5.08	2.54

Config. B



- wideband, 0.005 to 100 MHz
- excellent return loss
- hermetic case

Features

Applications

- · military, hi-rel requirements
- HF/VHF
- receivers/transmitters
- balanced antennas

+RoHS Compliant

CASE STYLE: A03

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

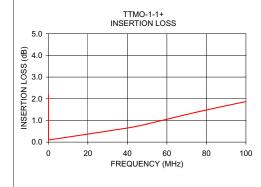
Transformer Electrical Specifications

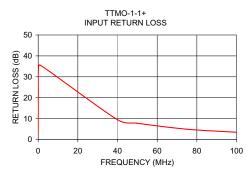
Ω RATIO (Secondary/Primary)	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
1	0.005-100	0.005-100	0.01-75	0.05-40

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

Typical Performance Data

			INPUT R. LOSS (dB)
0	.005	2.20	2.65
0	.01	0.84	6.23
0	.02	0.30	11.73
0	.05	0.11	21.19
0	.10	0.10	33.49
1	.00	0.11	35.59
40	.00	0.65	9.49
49	.70	0.83	7.84
75	.00	1.38	4.96
100	.00	1.87	3.51





- A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.

 B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.

 C. The parts covered by this specification document are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/MCLStore/terms.jsp