

Plug-In

RF Transformer

50Ω 0.05 to 200 MHz

TMO1-1T



CASE STYLE: A11

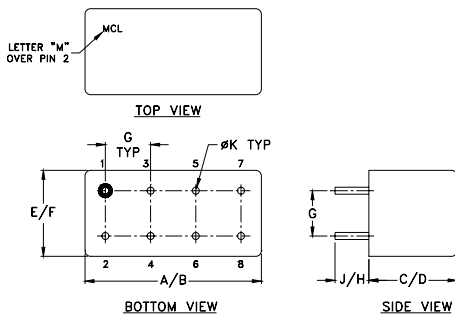
Maximum Ratings

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

Pin Connections

PRIMARY DOT	1
PRIMARY	5
SECONDARY DOT	2
SECONDARY	6
SECONDARY CT	4
CASE GROUND	7, 8
NOT USED	3

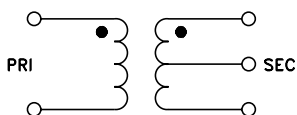
Outline Drawing



Outline Dimensions (inch/mm)

A	B	C	D	E	F
.480	.500	.240	.255	.210	.230
12.19	12.70	6.10	6.48	5.33	5.84
G	H	J	K	wt	
.100	.20	.14	.020	grams	
2.54	5.08	3.56	0.51	1.9	

Config. A



Features

- excellent return loss
- hermetic case

Applications

- military, hi-rel requirements
- balanced antennas

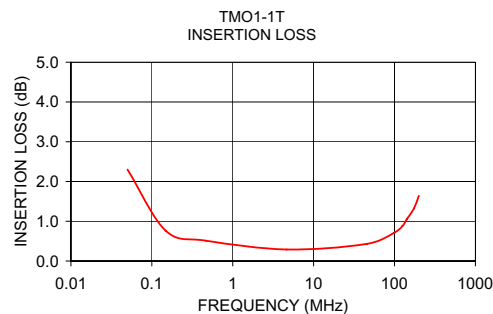
Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
1	0.05-200	0.05-200	0.08-150	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	2.30	5.27
0.15	0.76	12.39
0.47	0.51	19.78
4.66	0.29	27.23
45.28	0.43	18.89
100.51	0.72	12.67
125.32	0.88	10.94
142.44	1.06	9.93
173.68	1.32	8.40
200.00	1.64	7.32



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RF/IF MICROWAVE COMPONENTS

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