

Non-Catalog Model

RF Transformer

TMO1.5-1

Impedance Ratio : 1.5

Important Note

This is a non-catalog model and can be manufactured on specific request.
Pricing and delivery information can be supplied upon request.

Please click "Back", and then click "Contact Us" for Applications support.



CASE STYLE : A11

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		0.1		300	MHz
Insertion Loss *	3 dB Bandwidth		0.1 - 300		MHz
	2 dB Bandwidth		0.2 - 150		MHz
	1 dB Bandwidth		0.5 - 80		MHz

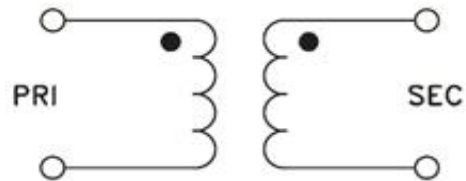
Note:

* Insertion Loss is referenced to mid-band loss, 0.37dB typ.

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

PIN CONNECTIONS	
PRIMARY DOT	1
PRIMARY	5
SECONDARY DOT	2
SECONDARY	6
CASE GND	7,8
NOT USED	3,4

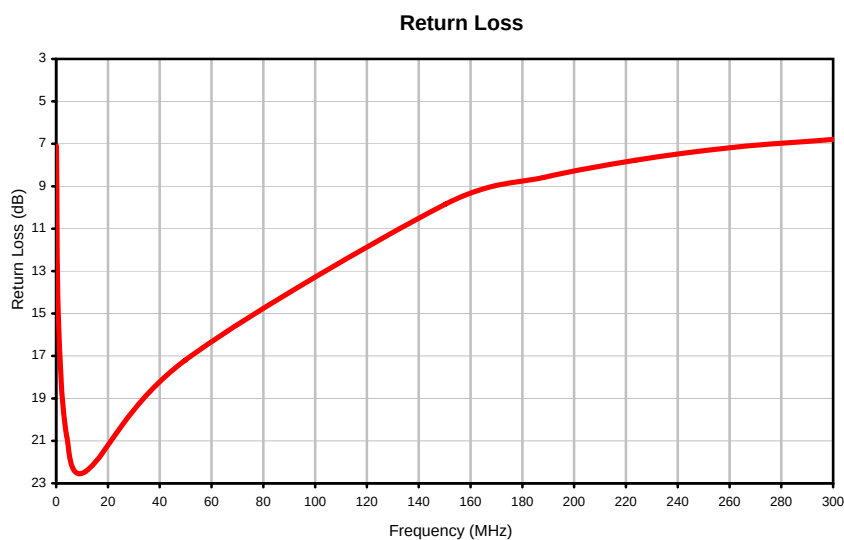
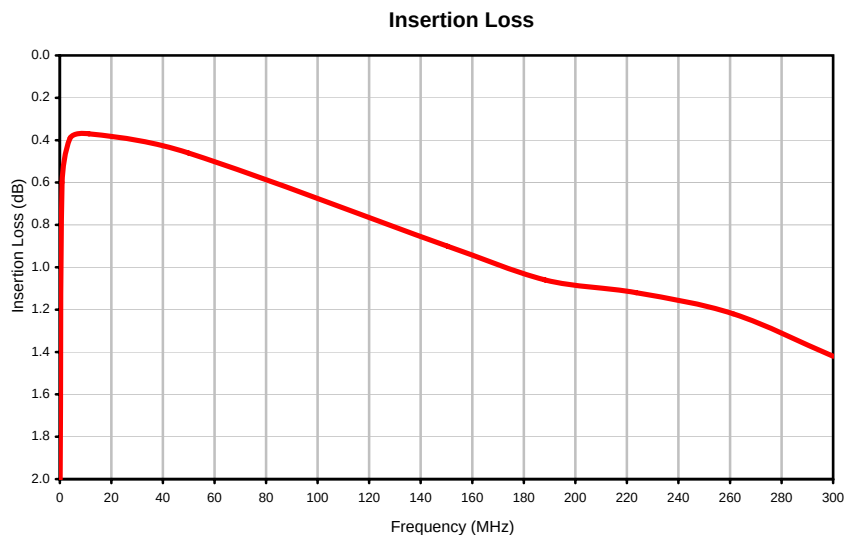
Configuration : C



Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)
0.10	2.00	7.10
0.85	0.60	15.20
4.00	0.39	20.76
11.28	0.37	22.45
49.79	0.46	17.20
150.36	0.90	9.84
188.20	1.06	8.59
223.68	1.12	7.77
261.29	1.22	7.17
300.00	1.42	6.79

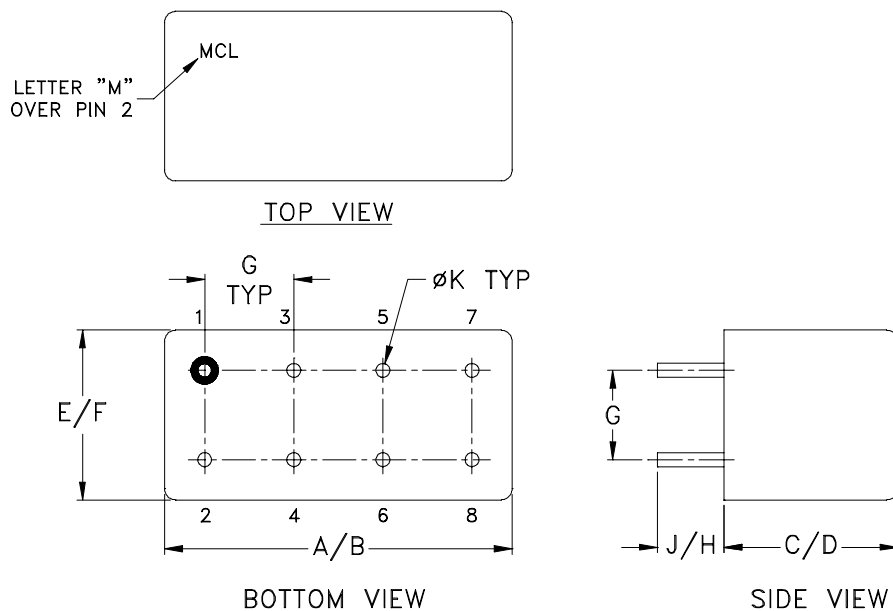
Typical Performance Curves



A03

A11

Outline Dimensions



CASE#	A	B	C	D	E	F	G	H	J	K	WT, GRAM
A03	.480 (12.19)	.500 (12.70)	.390 (9.91)	.405 (10.29)	.210 (5.33)	.230 (5.84)	.100 (2.54)	.20 (5.08)	.14 (3.56)	.020 (.51)	2.3
A11			.240 (6.10)	.255 (6.48)							1.9

Dimensions are in inches (mm). Tolerances: 2 Pl. $\pm .03$; 3 Pl. $\pm .015$

Notes:

- Header material: C.R.S.
Pin material: #52 alloy.
Cover material: Cupro-Nickel.
- Pin finish: Electro Tin-Silver.
- Insulated spacer available. Request P/N B14-047-01.
- Tolerance on pin diameter $\pm .005$ inch.
- Glass meniscus 0.015 inch max.
- Blue bead indicates Pin 1. Pin numbers do not appear on unit, for reference only.



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