

Non-Catalog Model

RF Transformer

TMO8-1

Impedance Ratio : 8

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

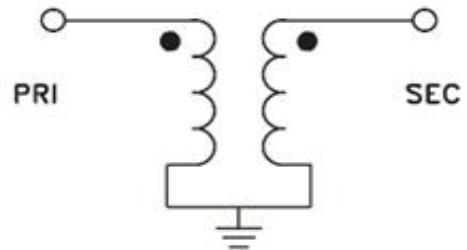
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter	Min.	Typ.	Max.	Units
Frequency	0.15		250	MHz
Insertion Loss *	3 dB Bandwidth	0.15 - 250		MHz
	2 dB Bandwidth	0.25 - 200		MHz
	1 dB Bandwidth	2 - 100		MHz

Note:

* Insertion Loss is referenced to mid-band loss, 0.51dB 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

Configuration : D

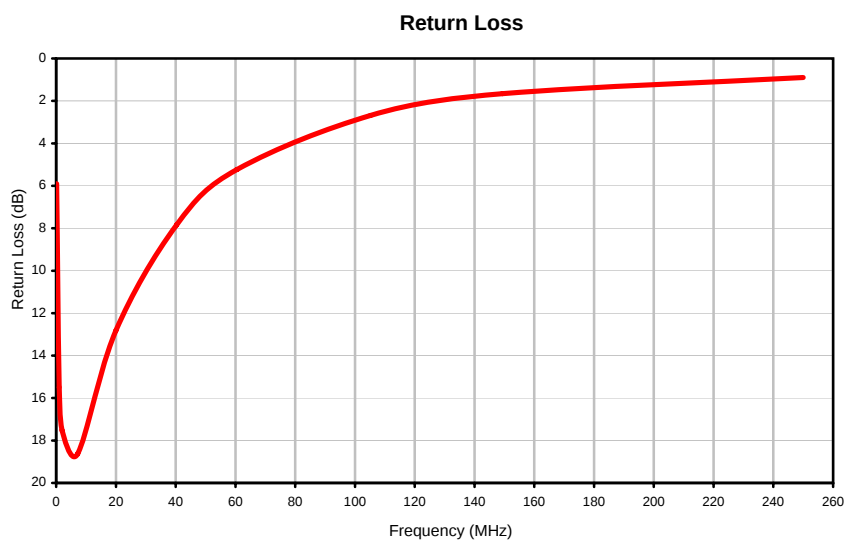
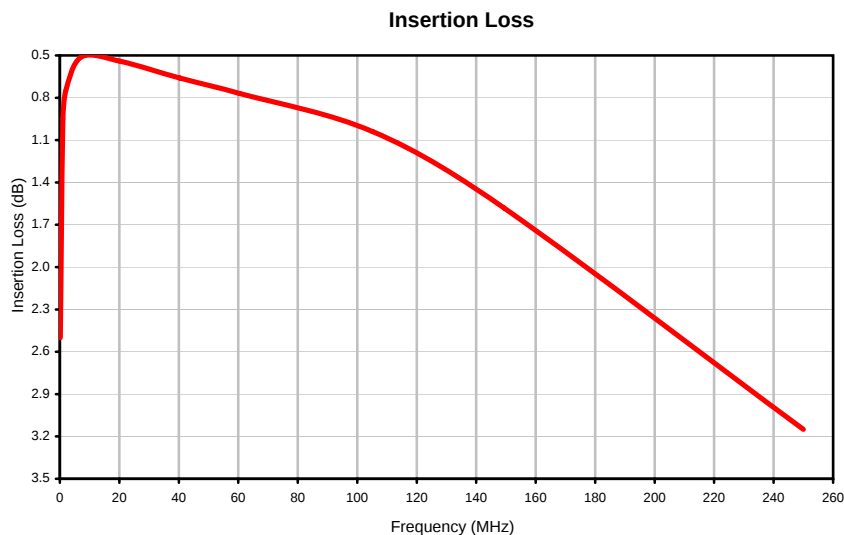


PIN CONNECTIONS	
PRIMARY DOT	1
PRIMARY	6
SECONDARY DOT	2
SECONDARY	6
GND EXT	6
CASE GND	7,8
NOT USED	3,4,5

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)
0.15	2.50	5.90
1.01	0.95	15.49
1.99	0.75	17.53
7.25	0.51	18.62
20.00	0.54	12.81
40.31	0.66	7.84
60.49	0.77	5.23
105.19	1.04	2.68
149.33	1.58	1.66
250.00	3.15	0.90

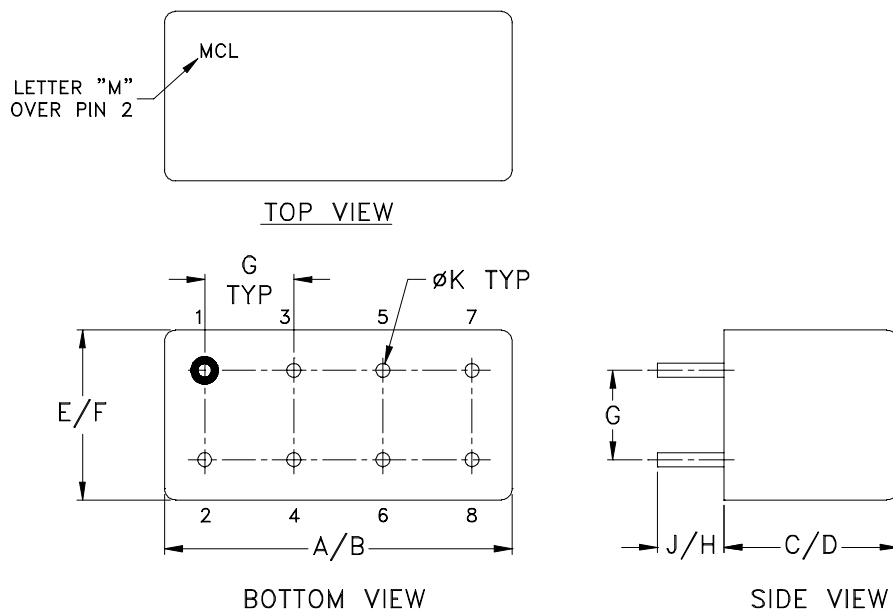
Typical Performance Curves



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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