

Plug-In

# RF Transformer

50Ω

0.2 to 600 MHz

TMO4-2+



CASE STYLE: A11

PRICE: \$10.20 ea. QTY (1-9)

**+ 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.*

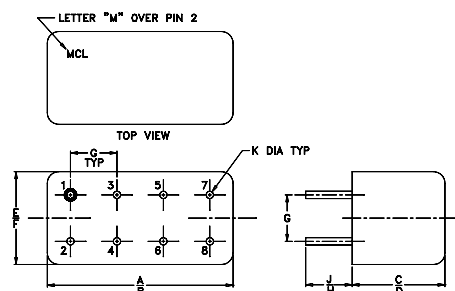
## Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power	250mW
DC Current	30mA

## Pin Connections

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

## Outline Drawing



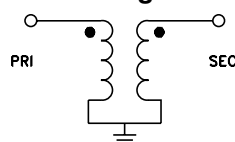
## Outline Dimensions (inch/mm)

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. D



## Features

- wideband, 0.2 to 600 MHz
- excellent return loss
- hermetic case

## Applications

- military, hi-rel requirements
- impedance matching

## Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
4	0.2-600	0.2-600	0.5-500	2-250

\*Insertion Loss is referenced to mid-band loss, 0.6 dB typ.

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.20	2.00	7.70
1.00	1.07	15.63
2.58	0.74	19.54
10.86	0.55	24.29
24.87	0.57	19.63
100.87	0.61	8.87
201.16	0.78	4.44
434.09	1.43	1.73
498.35	1.75	1.54
600.00	2.35	1.35

TMO4-2  
INSERTION LOSS

