

Plug-In

RF Transformer

50Ω

0.02 to 200 MHz

TMO4-6+



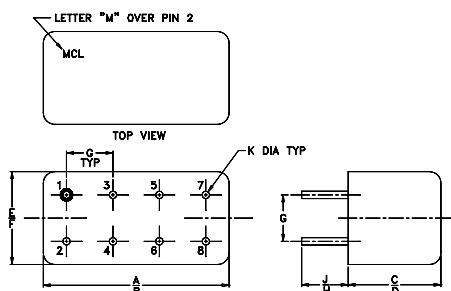
Maximum Ratings

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

Outline Drawing

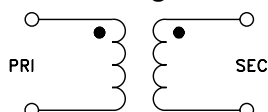


Outline Dimensions (inch/mm)

A	B	C	D	E	F
.480	.500	.390	.405	.210	.230
12.19	12.70	9.91	10.29	5.33	5.84

G	H	J	K	wt
.100	.20	.14	.020	grams
2.54	5.08	3.56	0.51	2.3

Config. C



Features

- good return loss
- hermetic case

Applications

- military, hi-rel requirements
- impedance matching
- HF/VHF
- balanced antennas

CASE STYLE: A03

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.

Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
4	0.02-200	0.02-200	0.05-150	0.1-100

*Insertion Loss is referenced to mid-band loss, 0.2 dB typ.

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
0.02	2.02	7.83
0.05	0.82	13.85
0.15	0.46	21.21
0.40	0.37	25.45
5.01	0.23	34.23
20.13	0.25	29.15
74.29	0.40	16.60
119.22	0.75	11.27
160.52	1.33	7.63
200.00	2.19	4.98

TMO4-6
INSERTION LOSS

