

Plug-In RF Transformer

TO-75+ TO-75

75Ω 10 to 500 MHz



CASE STYLE: PP94
PRICE: \$9.20 ea. QTY (1-9)

**+ RoHS compliant in accordance
with EU Directive (2002/95/EC)**

*The +Suffix identifies 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	2
SECONDARY DOT	4
SECONDARY	3

Features

- wideband, 10 to 500 MHz
- hermetic metal case

Applications

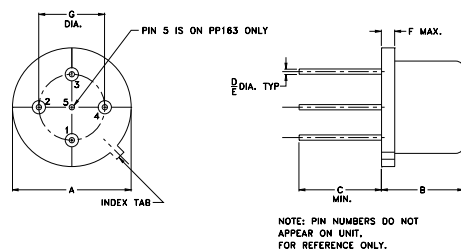
- balanced to unbalanced transformation
- impedance matching
- military, hi-rel application

Transformer Electrical Specifications

Ω RATIO	FREQUENCY (MHz)	INSERTION LOSS*		
		3 dB MHz	2 dB MHz	1 dB MHz
1	10-500	—	10-500	40-250

* Insertion Loss is referenced to mid-band loss, 0.5 dB typ.

Outline Drawing



Outline Dimensions (inch/mm)

A	B	C	D
.360	.250	.25	.016
9.14	6.35	6.35	0.41
E	F	G	wt
.020	.04	.200	grams
0.51	1.02	5.08	1.5

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	INPUT R. LOSS (dB)
10.00	0.53	24.68
14.89	0.53	25.54
24.87	0.56	26.08
49.60	0.59	26.40
100.87	0.69	25.11
193.38	0.76	22.22
298.43	0.83	19.48
401.16	0.89	17.42
451.55	0.90	16.74
500.00	0.90	16.24

