

RF Pulse Transformer 500 kHz - 1GHz

TP-103

1/0.0

Features

- 50 Ohms Unbalanced
- 200 Ohms Balanced
- Fast Rise Time 0.18 nS
- Low Insertion Loss 0.4 dB Typ

Guaranteed Specifications*

(From -55° C to $+85^{\circ}$ C)

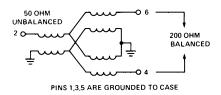
Frequency Range (1 dB Bandwidth)		500 kHz-1 GHz
Impedance Input Output		50 Ohms Unbalanced 200 Ohms Balanced
Insertion Loss	10-50 MHz	0.6 dB Max
VSWR	2-500 MHz 500 kHz-1 GHz	1.4:1 Max 2.0:1 Max

Operating Characteristics

Input Power	500 kHz-1 MHz	1.0 Watt Max
pat i oito.	1 MHz-5 MHz	1.5 Watts Max
	5 MHz-1 GHz	3.0 Watts Max
Rise Time (10-90%)		0.18 nS Typ
Droop (10%)		160 nS Typ
Environmental		
MIL-STD-202 screening	g available.	

Schematic

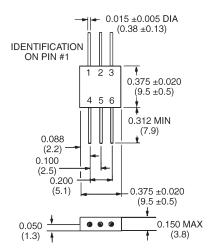
PIN CONFIGURATION:



Ordering Information

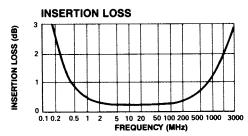
Model No.	Package
TP-103 PIN	Flatpack

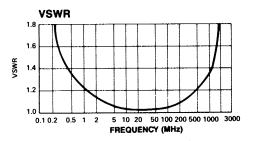
FP-1



Dimensions in () are in mm. Unless Otherwise Noted: .xxx = ± 0.010 (.xx = ± 0.25) .xx = ± 0.02 (.x = ± 0.02) WEIGHT (APPROX.): 0.07 OUNCES 2 GRAMS

Typical Performance







M/A-COM Division of AMP Incorporated North America: Tel. (800) 366-2266, Fax (800) 618-8883 Asia/Pacific: Tel. +85 2 2111 8088, Fax +85 2 2111 8087

■ Europe: Tel. +44 (1344) 869 595, Fax +44 (1344) 300 020