

RF Pulse Transformer

500 kHz - 1GHz

TP-103

V2.00

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°C)

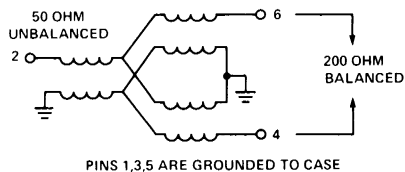
Frequency Range (1 dB Bandwidth)	500 kHz-1 GHz	
Impedance		
Input	50 Ohms Unbalanced	
Output	200 Ohms Balanced	
Insertion Loss	10-50 MHz	0.6 dB Max
VSWR	2-500 MHz	1.4:1 Max
	500 kHz-1 GHz	2.0:1 Max

Operating Characteristics

Input Power	500 kHz-1 MHz	1.0 Watt Max
	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 available.	

Schematic

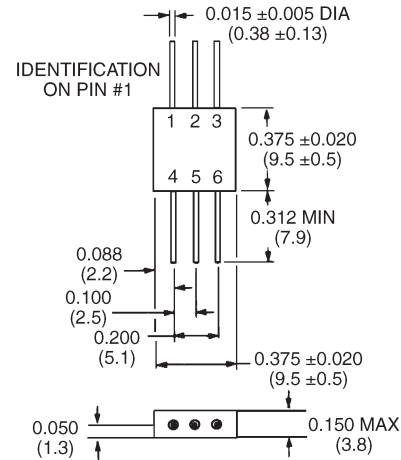
PIN CONFIGURATION:



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

