

# RF Pulse Transformer

## 750 kHz - 400 MHz

TP-104

V2.00

### Features

- 50 Ohms Unbalanced/200 Ohms Balanced
- Low Insertion Loss – 0.4 dB Typ
- DC Isolation – Input to Output

### Guaranteed Specifications\*

(From – 55°C to + 85°C)

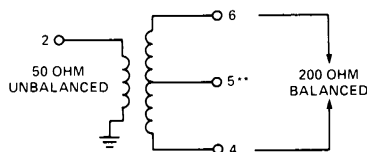
<b>Frequency Range</b> (1 dB Bandwidth)	750 kHz-400 MHz	
<b>Impedance</b>		
Input	50 Ohms Unbalanced	
Output	200 Ohms Balanced	
<b>Insertion Loss</b>	10-50 MHz	0.55 dB Max
<b>VSWR</b>	5-200 MHz	1.3:1 Max
	750 kHz-400 MHz	2.0:1 Max

### Operating Characteristics

<b>Input Power</b>	750 kHz-4 MHz	0.4 Watts Max
	4-400 MHz	1.0 Watts Max
<b>Rise Time (10-90%)</b>	0.55 nSTyp	
<b>Drop (10%)</b>	130 nSTyp	
<b>Environmental</b>	MIL-STD-202 screening available.	

### Schematic

#### PIN CONFIGURATION:

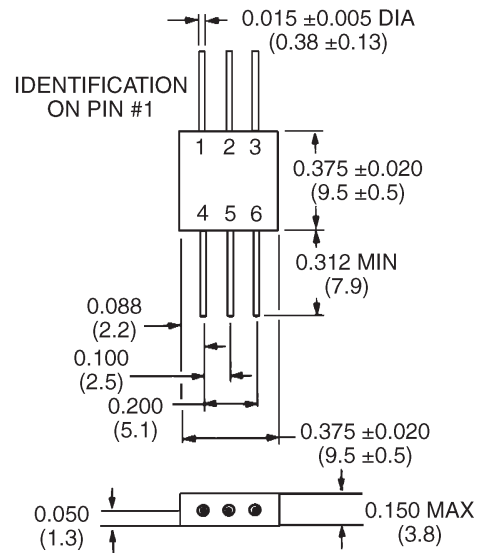


PINS 1 & 3 ARE GROUNDED TO CASE  
\*\*PIN 5 TO BE EXTERNALLY GROUNDED

### Ordering Information

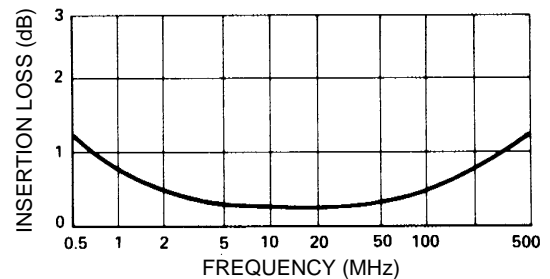
<b>Model No.</b>	<b>Package</b>
TP-104 PIN	Flatpack

### FP-1



Dimensions in ( ) are in mm.  
Unless Otherwise Noted: .xxx = ± 0.010 (.xx = ± 0.25)  
.xx = ± 0.02 (.x = ± 0.5)  
WEIGHT (APPROX.): 0.07 OUNCES 2 GRAMS

### INSERTION LOSS



### VSWR

