

RF Pulse Transformer

1 - 500 MHz

TP-102

V2.00

Features

- 50 Ohms Unbalanced
- 200 Ohms Unbalanced
- Fast Rise Time - 0.35 nS
- Low Insertion Loss - 0.75 dB Typ

Guaranteed Specifications*

(From -55°C to +85°C)

Frequency Range (1 dB Bandwidth)	1-500 MHz	
Impedance		
Input	50 Ohms Unbalanced	
Output	200 Ohms Unbalanced	
Insertion Loss	10-50 MHz	0.75 dB Max
VSWR	5-250 MHz	1.3:1 Max
	2-500 MHz	1.6:1 Max
	1-2 MHz	2.0:1 Max

Operating Characteristics

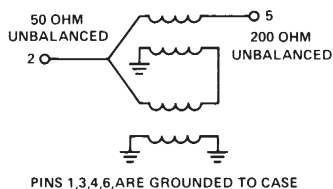
Input Power	1-5 MHz	0.5 Watt Max
	5 MHz-1 GHz	1.0 Watt Max
Rise Time (10-90%)	0.35 nS Typ	
Droop (10%)	150 nS Typ	

Environmental

MIL-STD-202 screening available.

Schematic

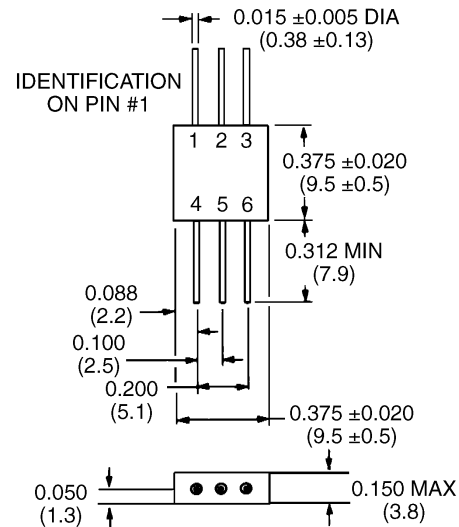
PIN CONFIGURATION:



Ordering Information

Model No.	Package
TP-102 PIN	Flatpack

FP-1



Dimension 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

Typical Performance

