



RF Pulse Transformer 500 kHz - 1 GHz

TP-105

V2.00

Features

- 50 Ohms Unbalanced/12.5 Ohms Unbalanced
- Low VSWR - 1.1:1 Typ
- 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	12.5 Ohms Unbalanced	
Insertion Loss	10-50 MHz	0.50 dB Max
VSWR	1-500 MHz	1.4:1 Max
	500 kHz-1 GHz	1.6:1 Max

Operating Characteristics

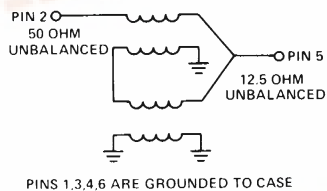
Input Power	500 kHz-1 MHz	0.375 Watts Max
	1 MHz-5 MHz	0.75 Watts Max
	5 MHz-1 GHz	1.5 Watts Max
Rise Time (10-90%)	0.3 nS Typ	
Droop (10%)	350 nS Typ	

Environmental

MIL-STD screening option available.

Schematic

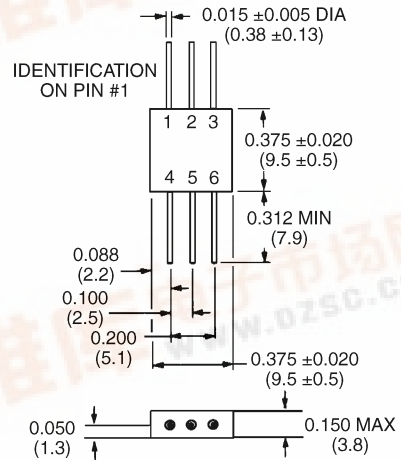
PIN CONFIGURATION:



Ordering Information

Model No.	Package
TP-105 PIN	Flatpack

FP-1



Weight (Approx.): 0.07 Ounces 2 Grams
Dimensions in () are in mm.
Unless Otherwise Noted: .xxx = ±0.010 (.xx = ±0.25)
.xx = ±0.02 (.x = ±0.5)

Typical Performance

