

**RF Pulse Transformer,
350 - 1125 MHz**

**TP-108
V3**

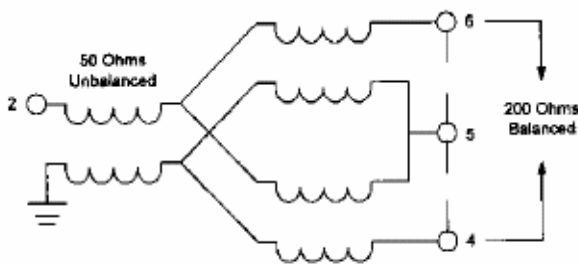
Features

- 50 Ohms Unbalanced to Dual 100 Ohms Unbalanced
- Unbalanced or 200 Ohms Balanced
- Low Insertion Loss
- Accessible Center Tap for DC Bias
- MIL-STD-202 Screening Available

Description

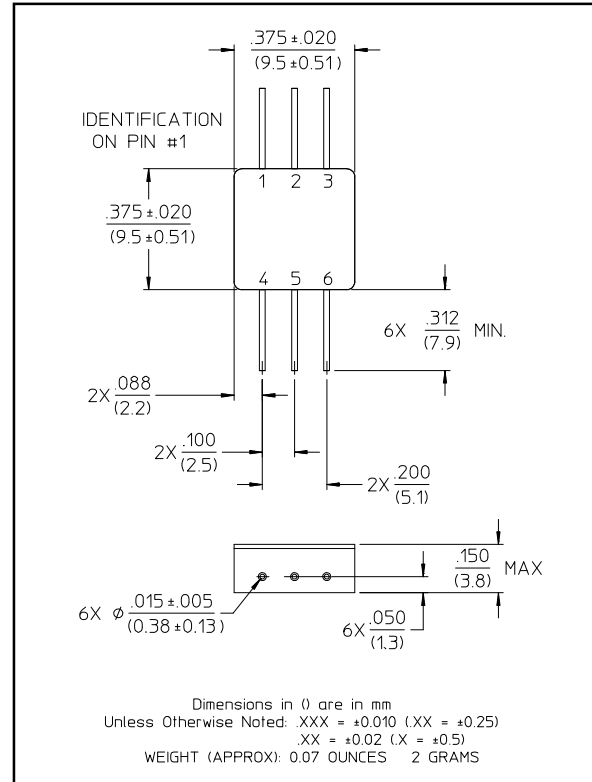
The transformer coupled balun can provide a wide frequency range. DC isolation from primary coil to secondary coil is also a feature of this device.

Schematic/Pin Configuration



Pins 1, 3 are grounded to case
Pin 5 is to be externally biased or grounded

FP-1

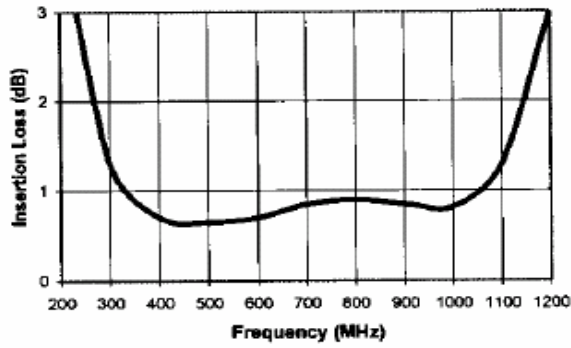


Electrical Specifications: T_A = -55°C to +85°C

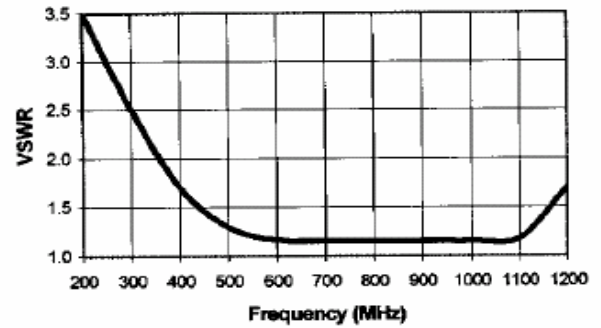
Parameter	Test Conditions	Frequency	Units	Min	Typ	Max
Impedance	Input - 50 Ohms Unbalanced Output - 200 Ohms Balanced	—	—	—	—	—
Insertion Loss	—	500 - 1000 MHz	dB	—	—	1.0
VSWR	—	500 MHz - 1000 MHz 350 MHz - 1125 MHz	Ratio Ratio	— —	— —	1.5:1 2.5:1
Input Power	—	350 MHz - 1125 MHz	Watts	—	—	3.0

Typical Performance Curves

Insertion Loss



VSWR



Ordering Information

Part Number	Package
TP-108 PIN	FP-1