

RF Pulse Transformer 500 kHz - 1.5 GHz

TP-101

Features

- 50 Ohms Unbalanced/50 Ohms Balanced
- Fast Rise Time 0.18 nS
- Low Insertion Loss 0.4 dB Typ

Guaranteed Spec	cifications	(From -55°C to +85°C)
Frequency Range (1 dB Bandwidth)		500 kHz-1.5 GHz
Impedance Input Output		50 Ohms Unbalanced 50 Ohms Balanced
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Output		50 Ohms Balanced
Insertion Loss	10-50 MHz	0.5 dB Max
VSWR	1 MHz-1 GHz 750 kHz-1.5 GHz	1.4:1 Max 1.6:1 Max
	/ 30 KHZ-1.3 GHZ	1.0.1 Wax

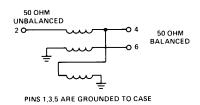
Operating Characteristics

Innut Bower	750 kHz-1 MHz	1.0 Watt Max
Input Power	1 MHz-5 MHz	1.5 Watts Max
	5 MHz-1.5 GHz	3.0 Watts Max
Rise Time (10-90%)		0.18 nS Typ
Droop (10%)		300 nS Typ
Environmental		

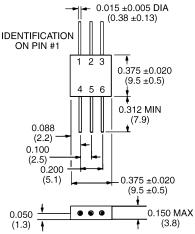
MIL-STD-202 screening available.

Schematic

PIN CONFIGURATION:



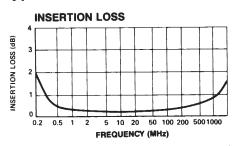
FP-1

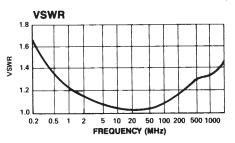


Dimensions in () are in mm.

Unless Otherwise Noted: $.xxx = \pm 0.010 (.xx = \pm 0.25)$ $.xx = \pm 0.02 (.x = \pm 0.5)$ Weight (Approx.): 0.07 Ounces 2 Grams

Typical Performance





Ordering Information

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Model No.	Package
TP-101 PIN	Flatpack

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