

Engineering Development Model

RF Transformer

ADTT1-ED7554A/1

Impedance Ratio : 1

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.



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CASE STYLE : CD637

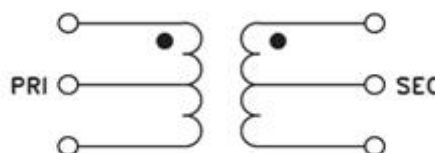
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		0.004		339.5	MHz
Insertion Loss *	3 dB Bandwidth		0.004 - 339.5		MHz
	2 dB Bandwidth		0.007 - 251		MHz
	1 dB Bandwidth		0.01 - 153		MHz
Amplitude Unbalance	over 3dB Bandwidth		0.5		dB
	over 1dB Bandwidth		0.1		dB
Phase Unbalance	over 3dB Bandwidth		5.0		deg.
	over 1dB Bandwidth		1.00		deg.

Note:

* Insertion Loss is referenced to mid-band loss, 0.17dB typ. Insertion loss is specified with input at pin 3 and output at pin 6 with pins 1 and 4 grounded and pins 2 and 5 are open.

MAXIMUM RATINGS	
Operating Temperature	-20°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	0.25 W
DC Current	30 mA

Configuration : B



PIN CONNECTIONS	
PRIMARY DOT	3
PRIMARY	1
PRIMARY CT	2
SECONDARY DOT	4
SECONDARY	6
SECONDARY CT	5