

Engineering Development Model

RF Transformer

TXA4-ED12703

Impedance Ratio : 4

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.

Please click "Back", and then click "Contact Us" for Applications support.



CASE STYLE : 99-01-1259

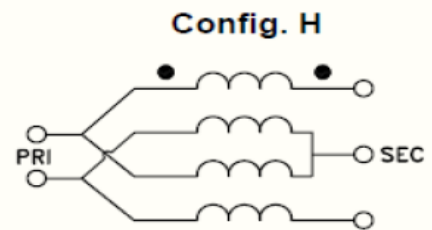
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		30		700	MHz
Insertion Loss *	3 dB Bandwidth		30-700		MHz
	2 dB Bandwidth		30-600		MHz
	1 dB Bandwidth		30-100		MHz
Amplitude Unbalance	Over 2 dB Bandwidth		0.16		(dB)
	Over 1 dB Bandwidth		0.20		(dB)
Phase Unbalance	Over 2 dB Bandwidth		0.55		(Deg.)
	Over 1 dB Bandwidth		0.90		(Deg.)

Note:

* Insertion Loss is referenced to mid-band loss, 0.55 dB typ. This is a stepdown transformer with primary impedance of 50 ohms and secondary of 12.5 ohms

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF POWER	3W
DC CURRENT	25mA

PIN CONNECTIONS	
PRIMARY DOT	2
PRIMARY	1
SECONDARY DOT	7
SECONDARY	8
GROUND	3,4,5,6,9,10,11,12



Configuration shown for reference only



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



IF/RF MICROWAVE COMPONENTS



REV. X1
TXA4-ED12703
5/10/2011
Page 1 of 1