

# Engineering Development Model

## RF Transformer

## TCM4-ED8169/1

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.



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CASE STYLE : DB714

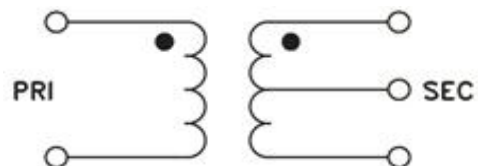
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		0.3		350 MHz
Insertion Loss *	3 dB Bandwidth		0.3 - 350	MHz
	2 dB Bandwidth		0.3 - 350	MHz
	1 dB Bandwidth		0.3 - 250	MHz
Amplitude Unbalance	over 3dB Bandwidth		0.5	dB
	over 1dB Bandwidth		0.1	dB
Phase Unbalance	over 3dB Bandwidth		5.0	deg.
	over 1dB Bandwidth		1.00	deg.

### Note:

\* Insertion Loss is referenced to mid-band loss, 0.3dB typ.

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 : A



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