

Engineering Development Model

RF Transformer

TCC4-ED8898

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 : AT856

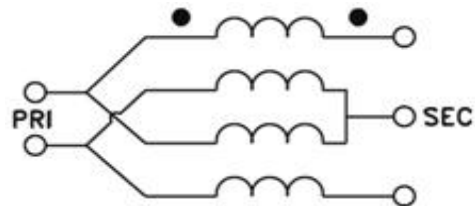
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter	Min.	Typ.	Max.	Units
Frequency	1400		2100	MHz
Insertion Loss *	3 dB Bandwidth	1400 - 2100		MHz
	2 dB Bandwidth	1400 - 2000		MHz
	1 dB Bandwidth	1400 - 1880		MHz

Note:

* Insertion Loss is referenced to mid-band loss, 0.92dB 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 : H



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

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)
1400.00	1.18	8.65
1420.00	1.21	8.72
1440.00	1.06	8.79
1460.00	0.97	8.88
1480.00	1.04	9.00
1500.00	1.13	9.12
1520.00	1.11	9.22
1540.00	1.01	9.34
1560.00	0.95	9.47
1580.00	0.99	9.63
1600.00	1.06	9.78
1620.00	1.06	9.93
1640.00	1.01	10.05
1660.00	0.95	10.14
1680.00	0.92	10.25
1700.00	1.00	10.32
1720.00	1.15	10.36
1740.00	1.13	10.36
1760.00	0.96	10.31
1780.00	0.93	10.20
1800.00	1.17	10.07
1820.00	1.35	9.88
1840.00	1.29	9.66
1860.00	1.14	9.39
1880.00	1.19	9.09
1900.00	1.45	8.76
1920.00	1.64	8.42
1940.00	1.62	8.08
1960.00	1.57	7.74
1980.00	1.69	7.40
2000.00	1.88	7.05
2020.00	2.02	6.68
2040.00	2.15	6.36
2060.00	2.29	6.06
2080.00	2.36	5.76
2100.00	2.44	5.47

Typical Performance Curves

