

Engineering Development Model

RF Transformer

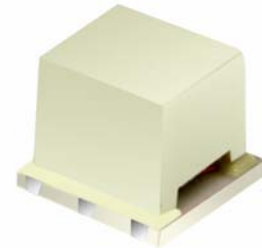
TRS4-ED11435/1

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.

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



CASE STYLE : 99-01-996

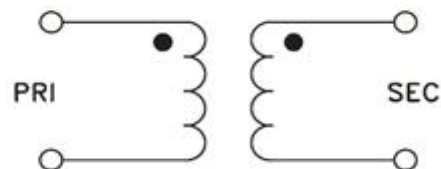
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter	Min.	Typ.	Max.	Units
Frequency	0.14		650	MHz
Insertion Loss *	3 dB Bandwidth	0.14 - 650		MHz
	2 dB Bandwidth	3 - 500		MHz
	1 dB Bandwidth	10 - 80		MHz

Note:

* Insertion Loss is referenced to mid-band loss, 0.42dB typ.

Configuration : C

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



PIN CONNECTIONS	
PRIMARY DOT	1
PRIMARY	3
SECONDARY DOT	6
SECONDARY	4
ISOLATED	5
NOT USED	2

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)
0.08	3.27	4.10
0.09	2.92	4.72
0.10	2.63	5.33
0.11	2.40	5.91
0.12	2.20	6.46
0.14	1.90	7.50
0.17	1.60	8.86
0.20	1.40	10.02
0.30	1.08	12.84
0.50	0.90	15.84
0.70	0.81	17.41
1.00	0.72	18.96
3.00	0.49	24.13
5.00	0.44	26.18
7.00	0.42	27.06
9.00	0.43	27.46
10.00	0.43	27.58
30.00	0.48	27.22
50.00	0.51	26.62
60.00	0.52	26.40
70.00	0.52	26.18
80.00	0.54	25.96
90.00	0.54	25.70
100.00	0.55	25.40
150.00	0.58	23.55
200.00	0.60	21.72
250.00	0.64	19.63
300.00	0.66	17.53
350.00	0.71	15.82
400.00	0.74	13.99
450.00	0.86	12.31
500.00	1.01	11.04
550.00	1.21	9.72
600.00	1.60	8.57
625.00	1.81	8.08
650.00	2.03	7.57
675.00	2.33	7.07
700.00	2.77	6.62
725.00	3.18	6.22
750.00	3.55	5.87
775.00	4.06	5.48

Typical Performance Curves

