



Wideband RF Transformers

Features

- Designed for use in wideband RF applications
- Frequency range 10kHz to 500MHz
- Low insertion loss
- Impedance levels from 12.5 Ohms to 800 Ohms (nominal 50 Ohms)
- Operating Temperature: -40°C to +85°C
- 6 pin DIP and SMT packages

ELECTRICAL SPECIFICATIONS AT 25°C

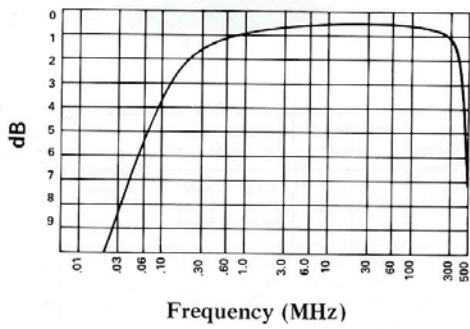
Part Number			Ratio Impedance	Frequency MHz	Insertion Loss			Schematic
Type D	Type W	Type J			3dB MHz	2dB MHz	1dB MHz	
2-1-1D	2-1-1W	2-1-1J	1	.050-200	.050-200	.080-150	.10-80	
2-1-6D	2-1-6W	2-1-6J	1	.014-160	.014-160	.022-126	.038-50	
2-2-1D	2-2-1W	2-2-1J	2	.070-200	.070-200	.100-100	.50-50	
2-2.5-6D	2-2.5-6W	2-2.5-6J	2.5	.010-100	.010-100	.020-50	.05-20	
2-3-1D	2-3-1W	2-3-1J	3	.050-250	.050-250	.100-200	.50-70	
2-4-1D	2-4-1W	2-4-1J	4	.200-330	.200-330	.350-280	2-60	
2-4-6D	2-4-6W	2-4-6J	4	.030-170	.030-170	.050-150	.10-100	
2-5-1D	2-5-1W	2-5-1J	5	.300-300	.300-300	.600-200	.50-100	
2-8-1D	2-8-1W	2-8-1J	8	.030-140	.030-140	.100-90	1-60	
2-13-1D	2-13-1W	2-13-1J	13	.300-120	.300-120	.700-80	5-20	
2-16-6D	2-16-6W	2-16-6J	16	.030-75	.030-75	.060-30	.10-20	
3-1-1D	3-1-1W	3-1-1J	1	.150-400	.150-400	.350-200	2-50	
3-1-6D	3-1-6W	3-1-6J	1	.010-150	.010-150	.020-100	.05-50	
3-1.5-1D	3-1.5-1W	3-1.5-1J	1.5	.100-300	.100-300	.200-150	.50-80	
3-1.5-6D	3-1.5-6W	3-1.5-6J	1.5	.020-100	.020-100	.050-50	.10-25	
3-2.5-6D	3-2.5-6W	3-2.5-6J	2.5	.010-100	.010-100	.020-50	.05-20	
3-4-6D	3-4-6W	3-4-6J	4	.020-180	.020-180	.050-150	.10-100	
3-9-1D	3-9-1W	3-9-1J	9	.150-200	.150-200	.300-150	2-40	
3-16-1D	3-16-1W	3-16-1J	16	.300-100	.300-100	.700-80	.50-20	
3-36-1D	3-36-1W	3-36-1J	36	.030-20	.030-20	.050-10	.10-5	
4-1-6D	4-1-6W	4-1-6J	1	.031-180	.031-180	.045-120	.10-50	
4-1.5-1D	4-1.5-1W	4-1.5-1J	1.5	.075-150	.075-150	.020-100	.10-50	
4-2.5-6D	4-2.5-6W	4-2.5-6J	2.5	.010-50	.010-50	.025-25	.05-10	
4-4-1D	4-4-1W	4-4-1J	4	.050-200	.050-200	.200-50	1-30	
4-25-1D	4-25-1W	4-25-1J	25	.020-30	.020-30	.050-20	.10-10	

Notes:

1. Other values of impedance are available, consult factory for details.
2. For non-RoHS part consult factory for special part numbers.

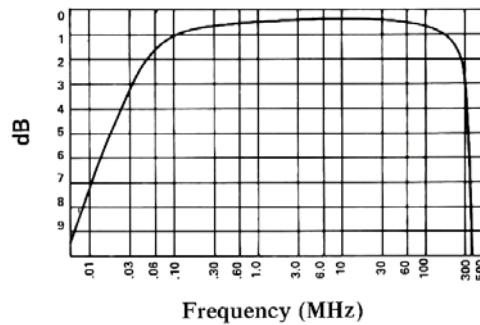
Typical Frequency Response

2-4-1 3dB Bandwidth 0.200–350MHz



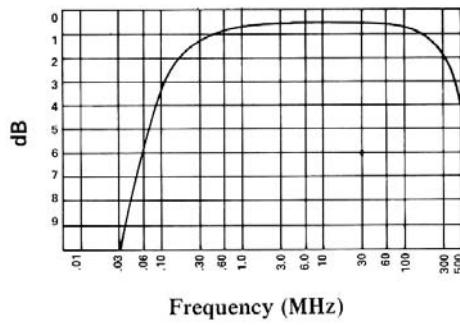
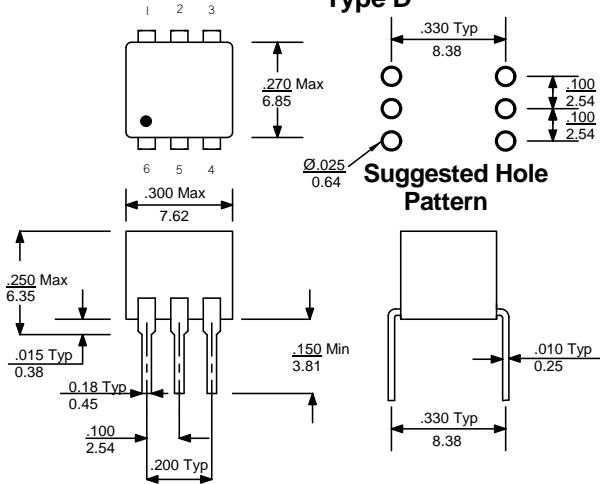
Typical Frequency Response

2-3-1 3dB Bandwidth 0.050–250MHz

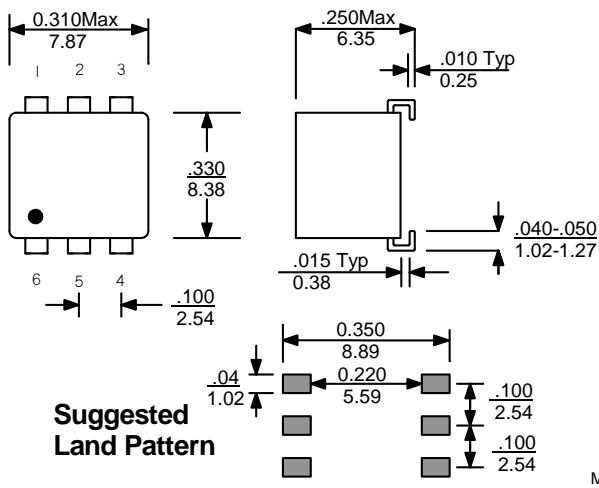


Typical Frequency Response

3-1-1 3dB Bandwidth 0.150–400MHz

Outline Dimensions
Type D

Type J



Type W

