

# Xinger®

## Power Dividers *In-Phase, 3-Way*

### Description

The 4D3304 is a low profile 3 way Wilkinson power divider in an easy to use surface mount package designed for AMPS and GSM applications. The 4D3304 is ideal for low power, In-Phase divider/combiner applications. Parts have been run through rigorous qualification testing and units are 100% tested. They are manufactured using materials with x and y thermal expansion coefficients compatible with common substrates.



### Features

- 800 - 1000 GHz
- Low Loss
- High Isolation
- In-Phase
- Surface Mountable
- Tape And Reel
- Convenient Package
- 100% Tested

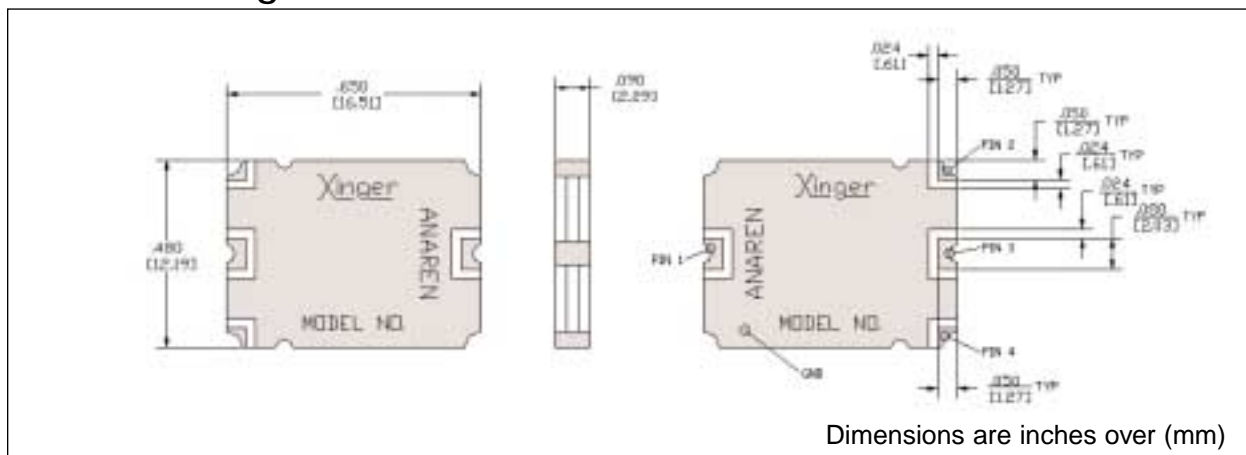
### Electrical Specifications

Frequency GHz	Isolation dB Min/Typ	Insert. Loss dB Max
800 - 1000	16	0.30
VSWR In/Out Max : 1	Amplitude Balance dB Max	Phase Balance Degrees Max
1.35/1.50	±0.30	3

**Note:** Specifications based on performance of units installed in a microstrip RF test fixture. 50 Ohms nominal impedance. -55°C to +85°C operating temperature. Maximum input power: 5 Watts average CW when terminated into a 1.2:1 maximum VSWR.

**Specifications subject to change without notice.**

### Outline Drawing



Available on Tape and Reel for Pick and Place Manufacturing.

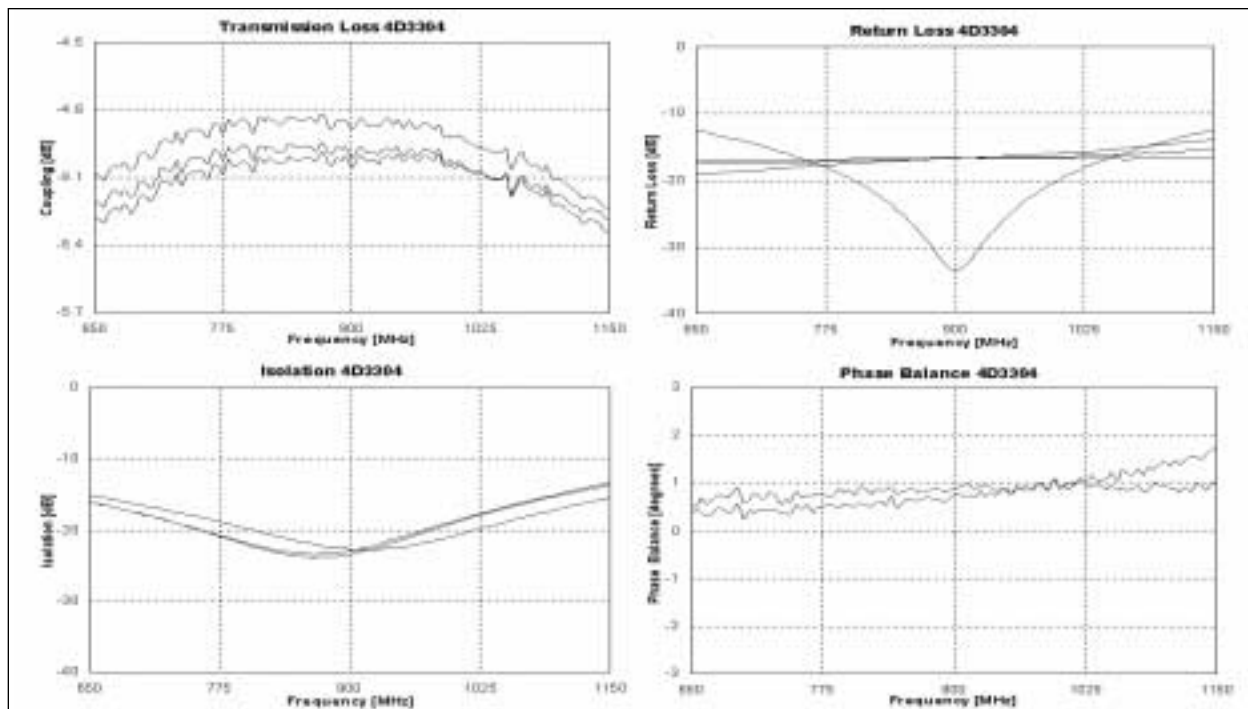
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# Model 4D3304

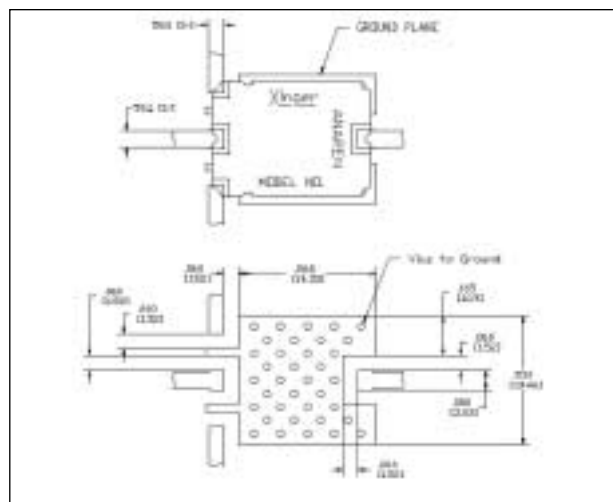
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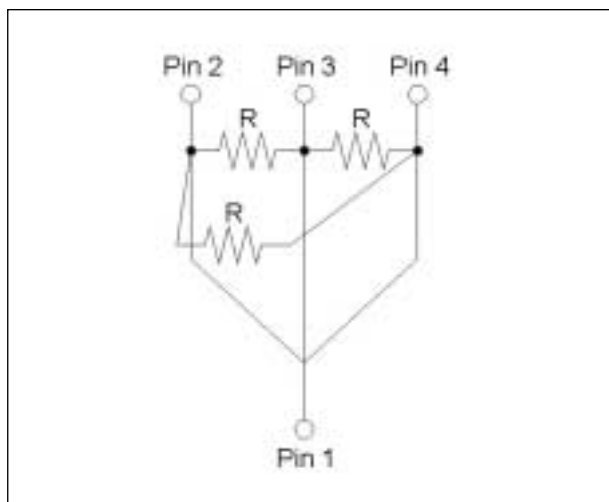
## Typical Performance



## Mounting Footprint



## Electrical Schematic



Available on Tape and Reel for Pick and Place Manufacturing.

