

Power Dividers *In-Phase, 3-Way*

Description

The 4A3305 is a low profile 3 way Wilkinson power divider in an easy to use surface mount package designed for DCS and PCS applications. The 4A3305 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

- 1.7 - 2.0 GHz
- Low Loss
- High Isolation
- In-Phase
- Surface Mountable
- Tape And Reel
- Convenient Package
- 100% Tested

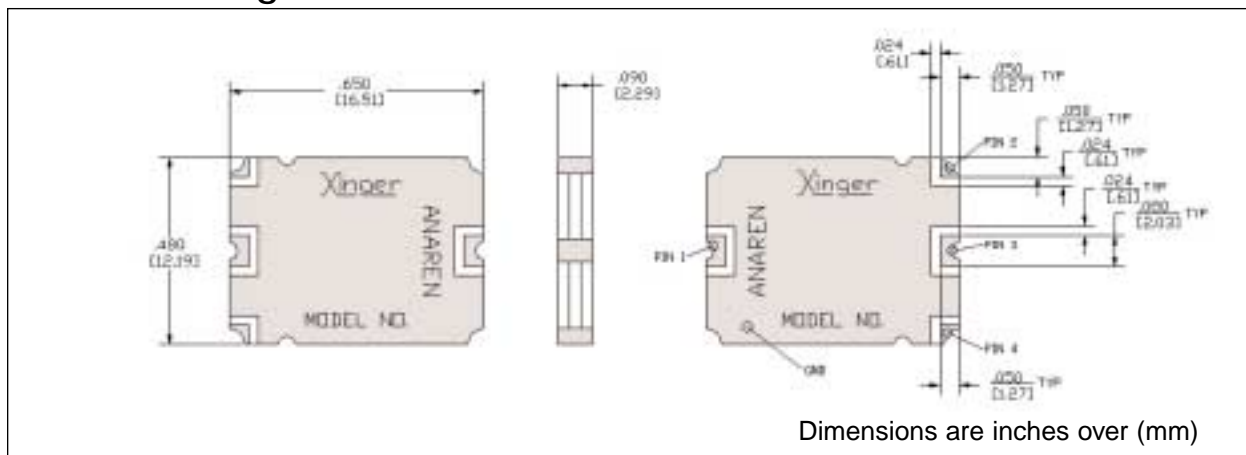
Electrical Specifications

Frequency GHz	Isolation dB Min/Typ	Insert. Loss dB Max
1.7 - 2.0	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.

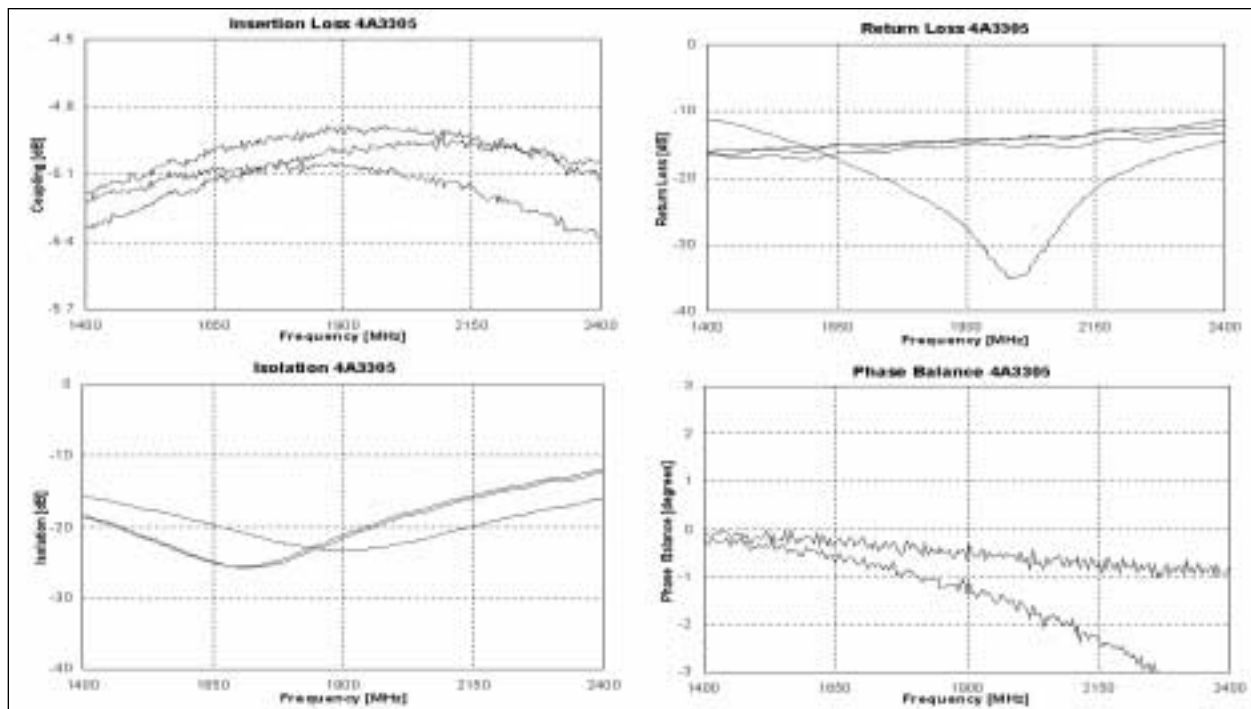
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Model 4A3305

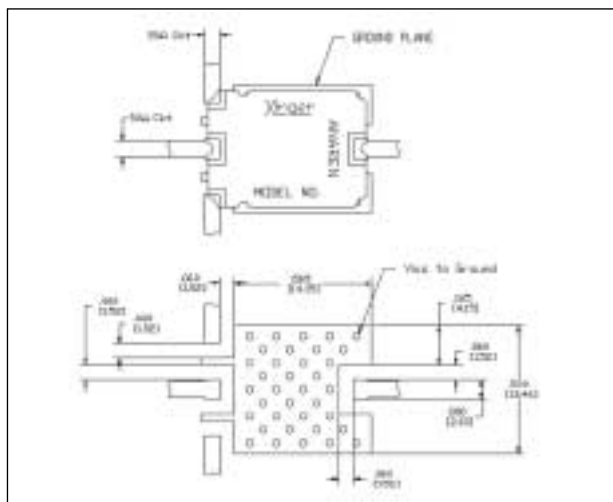
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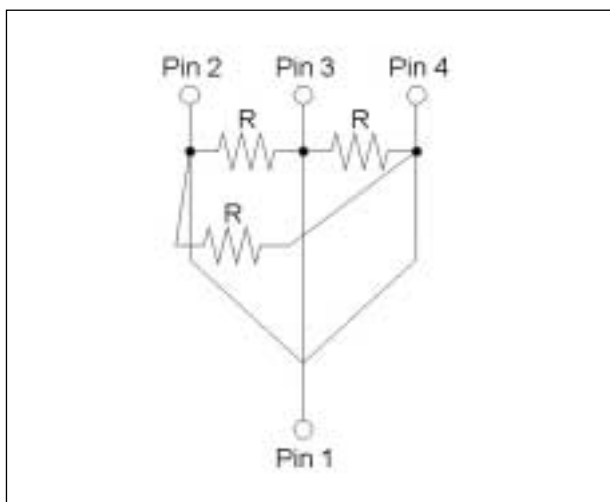
Typical Performance



Mounting Footprint



Electrical Schematic



Available on Tape and Reel for Pick and Place Manufacturing.

