



## Power Dividers In-Phase, 3-Way

### Description

The 4E3305 is a low profile 3 way Wilkinson power divider in an easy to use surface mount package designed for GPS applications. The 4E3305 is ideal for low power, in phase divider/combiner applications. Parts have been subjected to rigorous qualification testing and units are 100% tested. They are manufactured using materials with x and y thermal expansion coefficients compatible with common substrates such as FR4, G-10 and polyamide.



### Features:

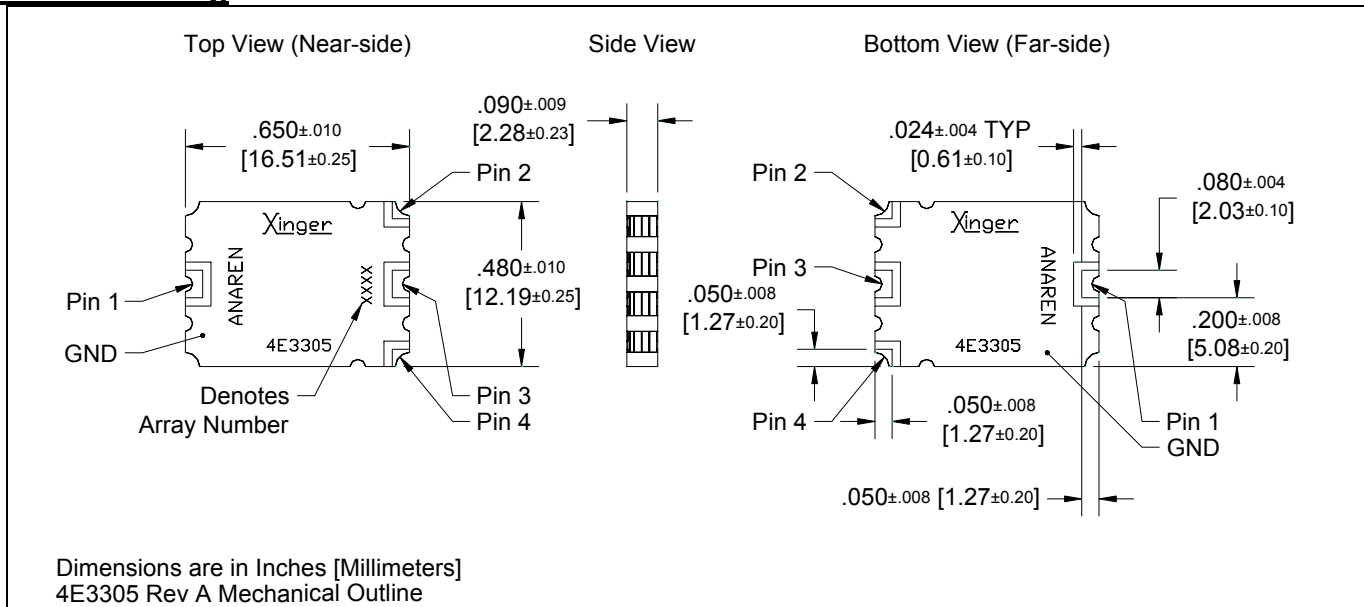
- 1100 – 1300 MHz
- 3-Way Split
- Low loss
- High Isolation
- In Phase
- Surface Mountable
- Tape And Reel
- Convenient Package
- 100% Tested

### ELECTRICAL SPECIFICATIONS\*\*

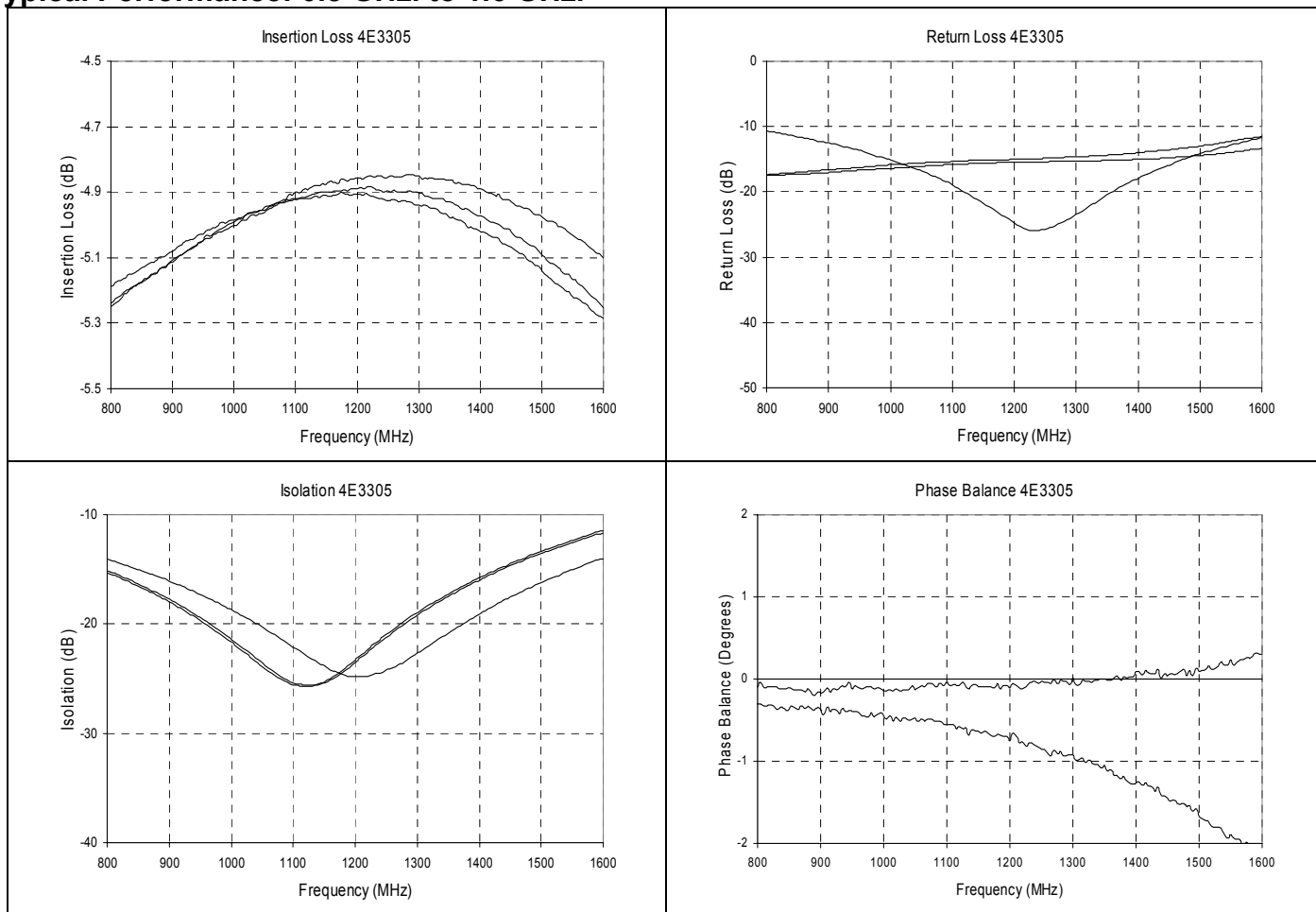
Frequency	Isolation	Insertion Loss	Amplitude Balance
<i>MHz</i>	<i>dB Min</i>	<i>dB Max</i>	<i>dB Max</i>
1100 - 1300	16	0.30	±0.30
VSWR Input	VSWR Output	Phase Balance	Operating Temp.
<i>Max:1</i>	<i>Max:1</i>	<i>Degrees</i>	<i>°C</i>
1.35	1.50	± 3	-55 to +85

\*\*Specification based on performance of unit properly installed on microstrip printed circuit boards with 50 Ω nominal impedance. Maximum input power: 5 Watts average CW when terminated into a 1.2:1 maximum VSWR. Specifications subject to change without notice.

### Outline Drawing

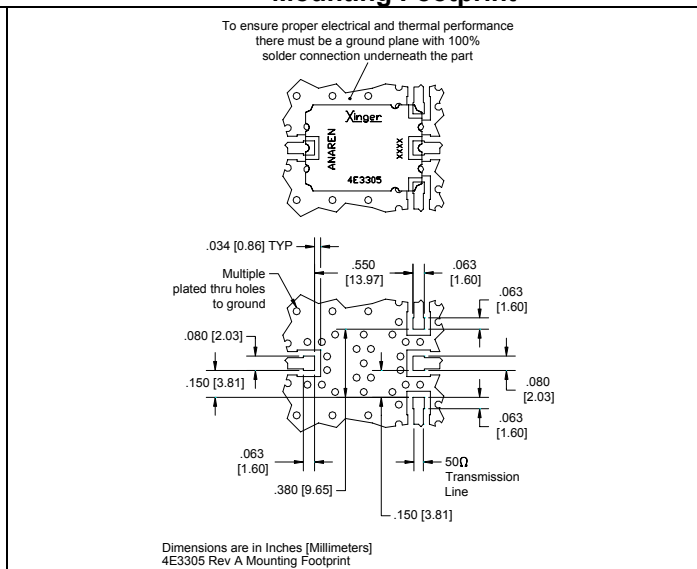
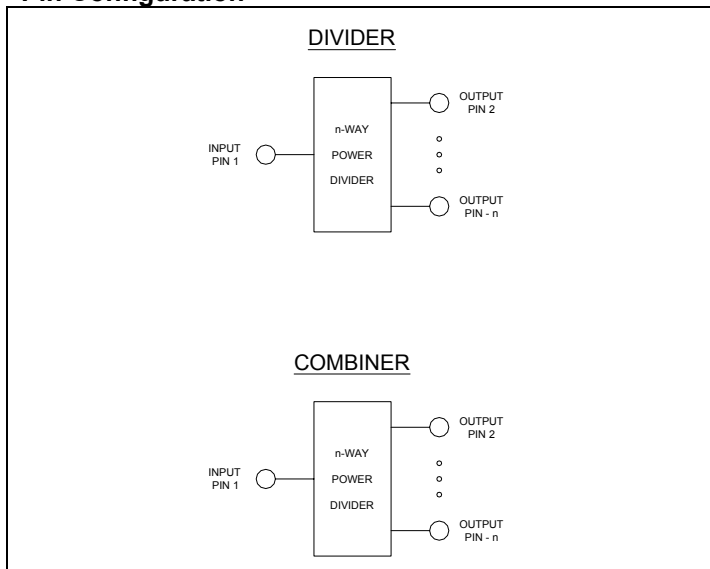


## Typical Performance: 0.8 GHz. to 1.6 GHz.



### Pin Configuration

### Mounting Footprint



USA/Canada: (315) 432-8909  
Toll Free: (800) 544-2414  
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Available on Tape and Reel For Pick and Place Manufacturing.

