

Power Dividers *In-Phase, 4-Way*

Description



The 4A3305 is a low profile 4 way Wilkinson power divider in an easy to use surface mount package designed for DCS, PCS, UMTS, W-LAN and other 3G applications. The 4A4305 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

- 1.5 - 2.4 GHz
- 4-Way Split
- Low Loss
- High Isolation
- In-Phase
- Surface Mountable
- Tape And Reel
- Convenient Package
- 100% Tested

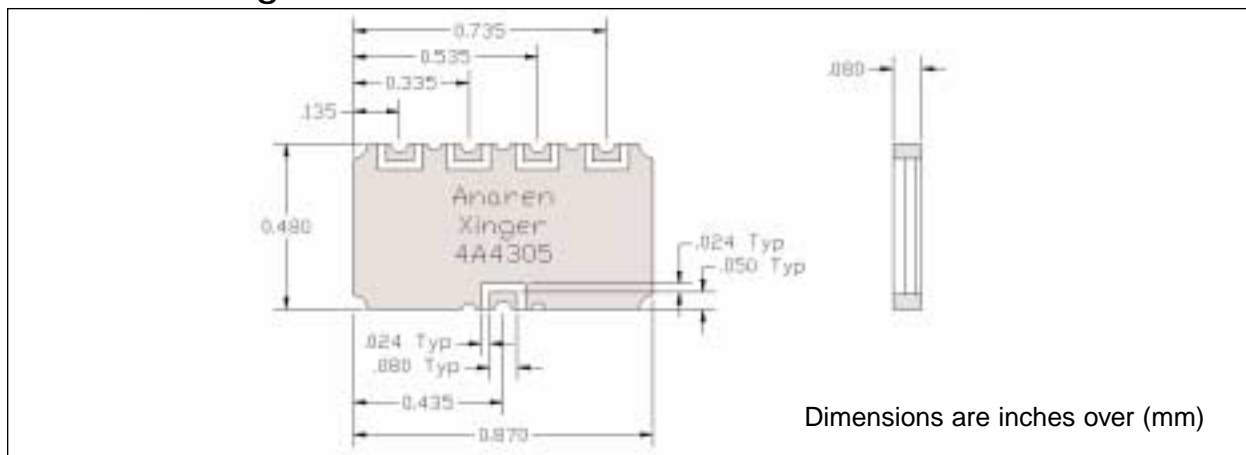
Electrical Specifications

	Frequency GHz	Isolation dB Min	Insert. Loss dB Max
Narrow	1.8 - 2.0	20	0.40
Broad	1.5 - 2.4	15	0.50
	Return Loss dB min	Amp. Bal. dB Max	Phase Bal. Degrees Max
Narrow	18	±0.10	4
Broad	15	±0.15	4

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.

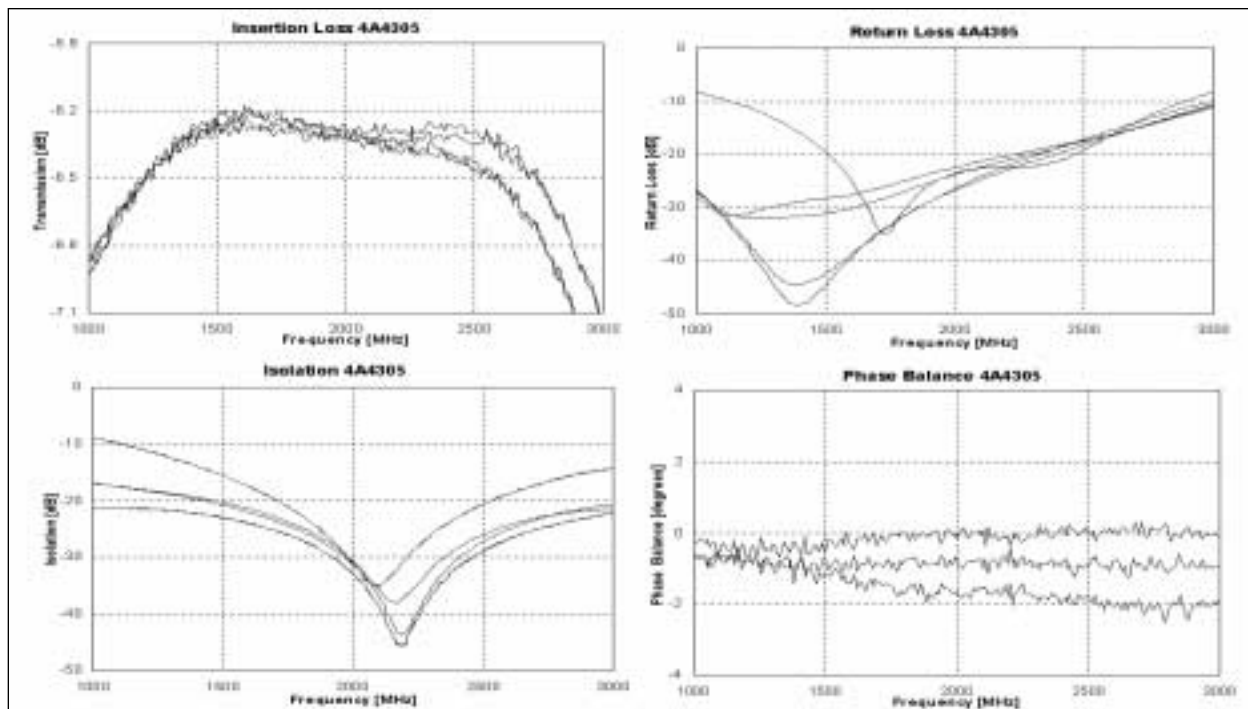
Outline Drawing



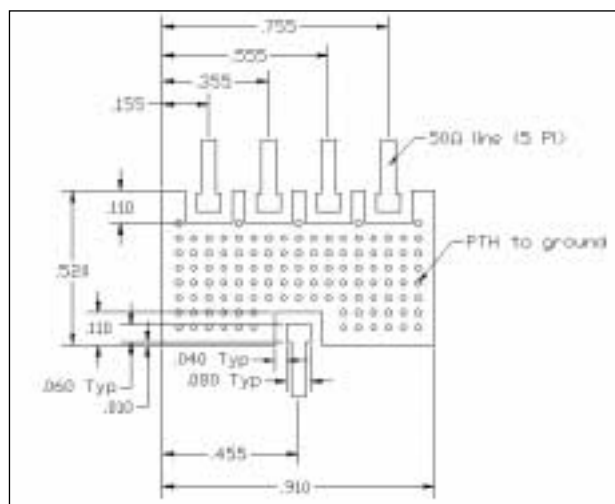
Available on Tape and Reel for Pick and Place Manufacturing.

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Typical Performance



Mounting Footprint



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