



Power Dividers *In-Phase, 2-Way*

Description

The 4A1305 is a low profile 2 way Wilkinson power divider in an easy to use surface mount package designed for DCS, PCS, ISM and wireless LAN applications. The 4A1305 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

- 1.4 - 2.6 GHz
- Low Loss
- High Isolation
- In-Phase
- Surface Mountable
- Tape And Reel
- Convenient Package
- 100% Tested

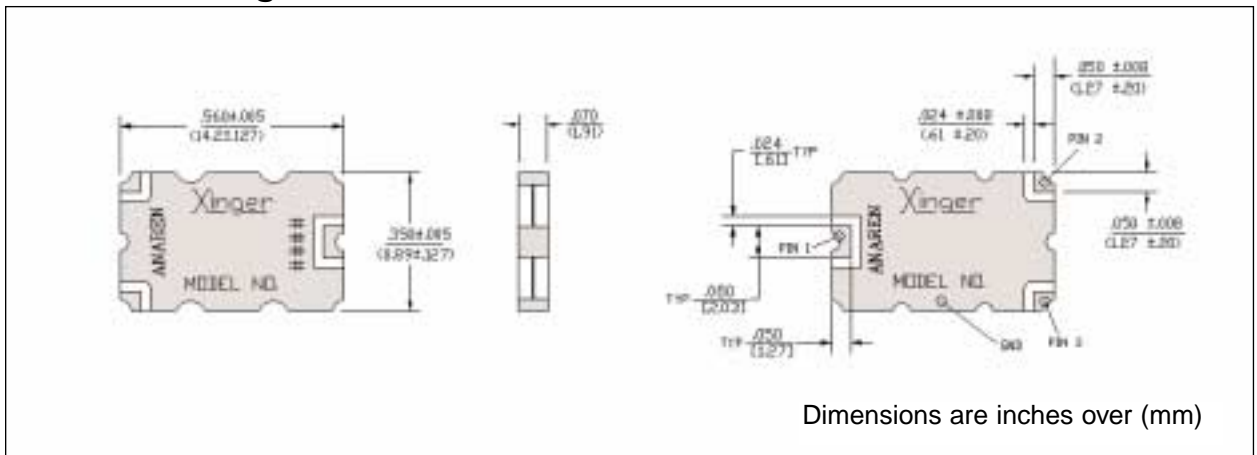
Electrical Specifications

	Frequency GHz	Isolation dB Min	Insert. Loss dB Max
Narrow	1.7 - 2.0	16	0.35
Broad	1.4 - 2.6	12	0.40
	VSWR in/Out Max : 1	Amp. Bal. dB Max	Phase Bal. Degrees Max
Narrow	1.30/1.30	±0.20	2
Broad	1.50/1.35	±0.25	2.5

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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