

Directional Couplers 10 dB

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Europe:



Description

The 1A1306-10 is a low profile 10dB directional coupler in an easy to use surface mount package for PCS, ISM and LAN applications. The 1A1306-10 is ideal for power and frequency detection as well as power injection and can be used in most high power designs. They 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.

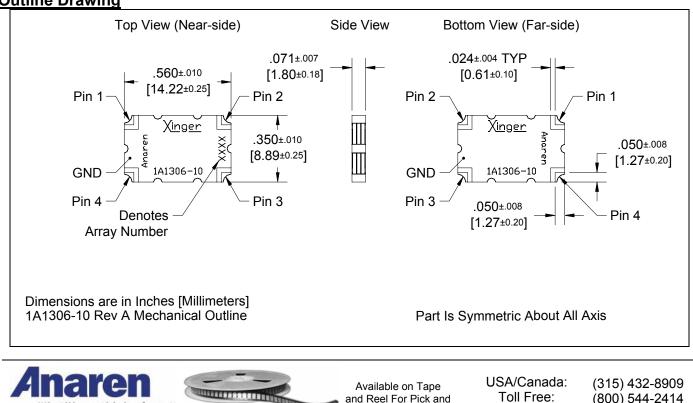
ELECTRICAL SPECIFICATIONS**

Features: • 1.8 - 2.7 GHz	Frequency	Mean Coupling	Insertion Loss	VSWR	Freq. Sensitivity
 Low loss High Directivity Surface Mountable Tape And Reel Convenient Package 100% Tested 	GHz	dB	dB Max	Max:1	dB Max
	2.2 – 2.6	10.0 ± 1.5	0.30	1.20	±0.20
	1.8 – 2.7	10.0 ± 1.5	0.30	1.20	±0.45
	Directivity	Power Handling	ΘJC	Operating Temp.	
	dB Min	Watts	°C / Watt	°C	
	17	60	21.8	-55 to +85	
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**Specification based on performance of unit properly installed on microstrip printed circuit boards with 50 Ω nominal impedance. Specifications subject to change without notice.

Outline Drawing

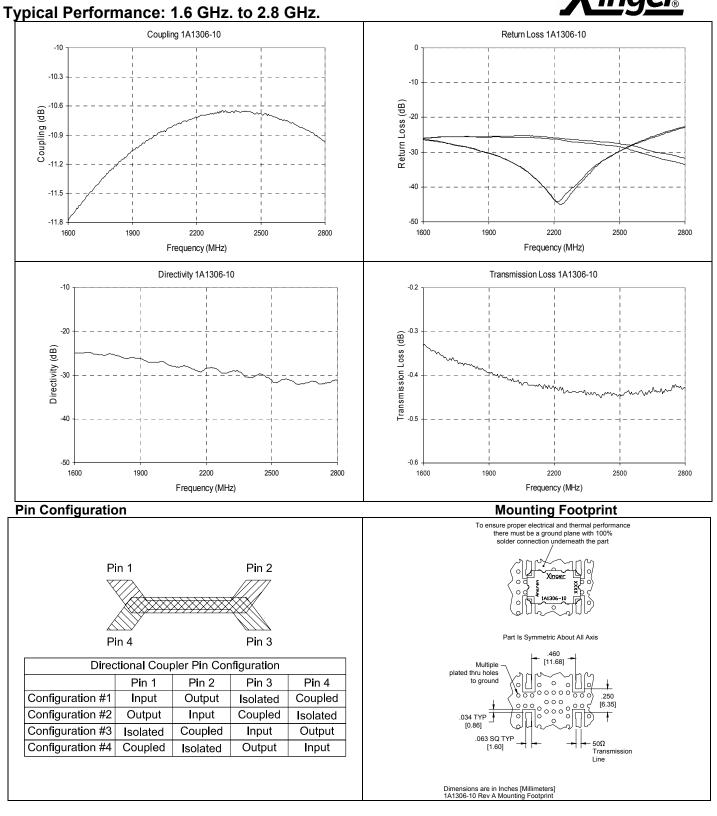
What'll we think of next



Place Manufacturing.



Xinger.



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