Model S03B700W1 Hybrid Couplers 3 dB, 90°





RFPower

Description

±0.65

The S03B700W1 is a low profile 3 dB hybrid coupler in an easy to use surface mount package covering 400 to 1000MHz. The S03B700W1 is ideal for balanced amplifiers and signal distribution and can be used in very high power designs. Parts have been run through rigorous qualifications and units are 100% tested. They are manufactured using materials with X and Y thermal expansion coefficients compatible with common substrates.

Features

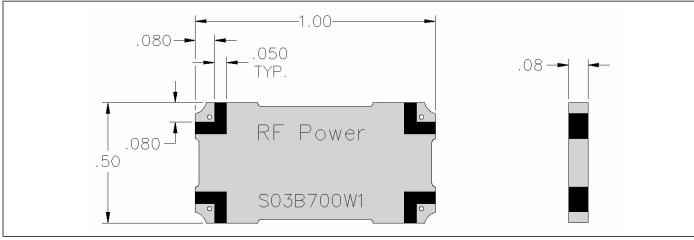
- 400 1000 MHz
- 100 Watts
- Low Loss
- **High Isolation**
- 90° Quadrature
- Surface Mountable
- Tape and Reel
- **Convenient Package**
- 100% Tested

Outline Drawing

Electrical Specifications			
Frequency	Isolation	Insert. Loss	VSWR
MHz	<i>dB Min</i>	dB Max	Max: 1
400 - 1000	20	0.25	1.25
Amp. Bal.	Phase Bal.	Temp.	Power
dB Max	Degrees Max	°C	Avg. CW Watts

-55 to +85

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VER. 2/7/02



Available on Tape and Reel for Pick and Place Manufacturing.

Sales Desk USA: Voice: (800) 544-2414 Fax: (315) 432-9121 Sales Desk Europe: Voice: (+44) 23 92 232392 Fax: (+44) 23 92 251369



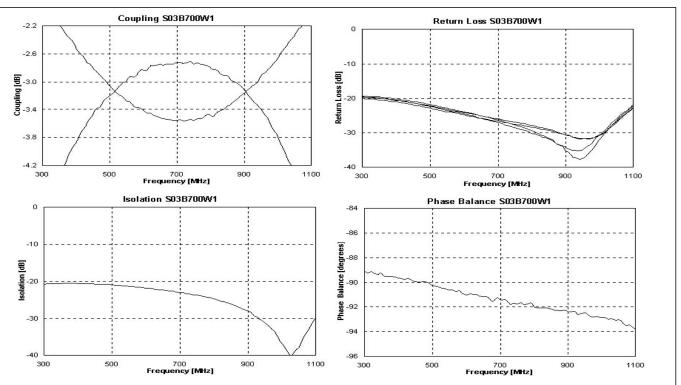
100



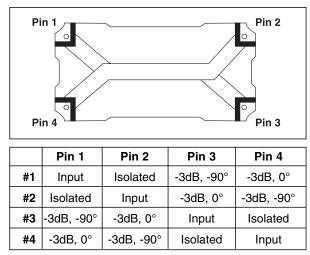
www.anaren.com



Typical Performance

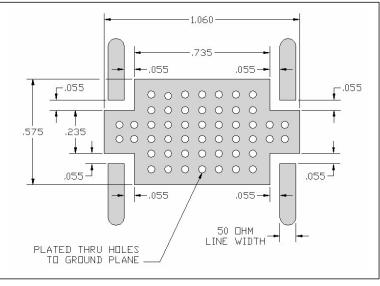


Pin Configuration



What'll we think of next?

Mounting Footprint



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