

"High Frequency Ceramic Solutions"

967 MHz Directional Coupler

P/N 0967CP14A024

Detail Specification: 06/15/04

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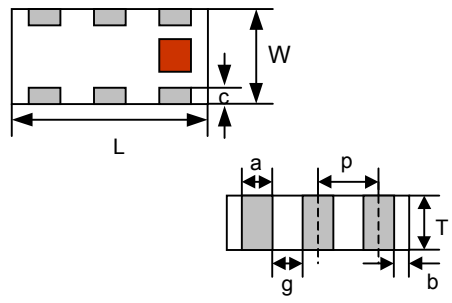
General Specifications

Part Number	0967CP14A024
Frequency (MHz)	955 ~ 979
Insertion Loss @ BW	0.5 dB max.
Return Loss (dB)	15.6 min.
Coupling (dB)	12.5±1.0
Isolation (dB)	19.0 min

Power Capacity	3.0 Watts max.
Impedance	50 Ω
Operating Temperature	-40 to +85°C
Reel Quantity	4,000

Mechanical Dimensions

	In	mm
L	0.063 ± 0.004	1.60 ± 0.10
W	0.031 ± 0.004	0.80 ± 0.10
T	0.024 ± 0.004	0.60 ± 0.10
a	0.008 ± 0.004	0.20 ± 0.10
b	0.008 +.004/-0.006	0.20 +0.1/-0.15
c	0.006 ± 0.004	0.15 ± 0.10
g	0.012 ± 0.004	0.30 ± 0.10
p	0.020 ± 0.002	0.50 ± 0.05



Terminal Configuration

No.	Function
1	IN
2	GND
3	Coupled OUT
4	Termination
5	GND
6	Main OUT

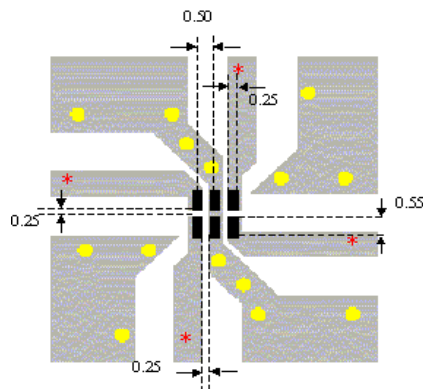
The diagram shows the terminal configuration with terminals 1 through 6. Terminal 1 is IN, 2 is GND, 3 is Coupled OUT, 4 is Termination, 5 is GND, and 6 is Main OUT. The diagram shows the physical layout of the terminals on the component.

Mounting Considerations

Mount these devices with brown mark facing up.

Line width should provide 50Ω impedance matching characteristics.

Units: mm



- Solder
- Land
- Through-hole (φ0.3)

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www.johansontechnology.com

931 Via Alondra • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821

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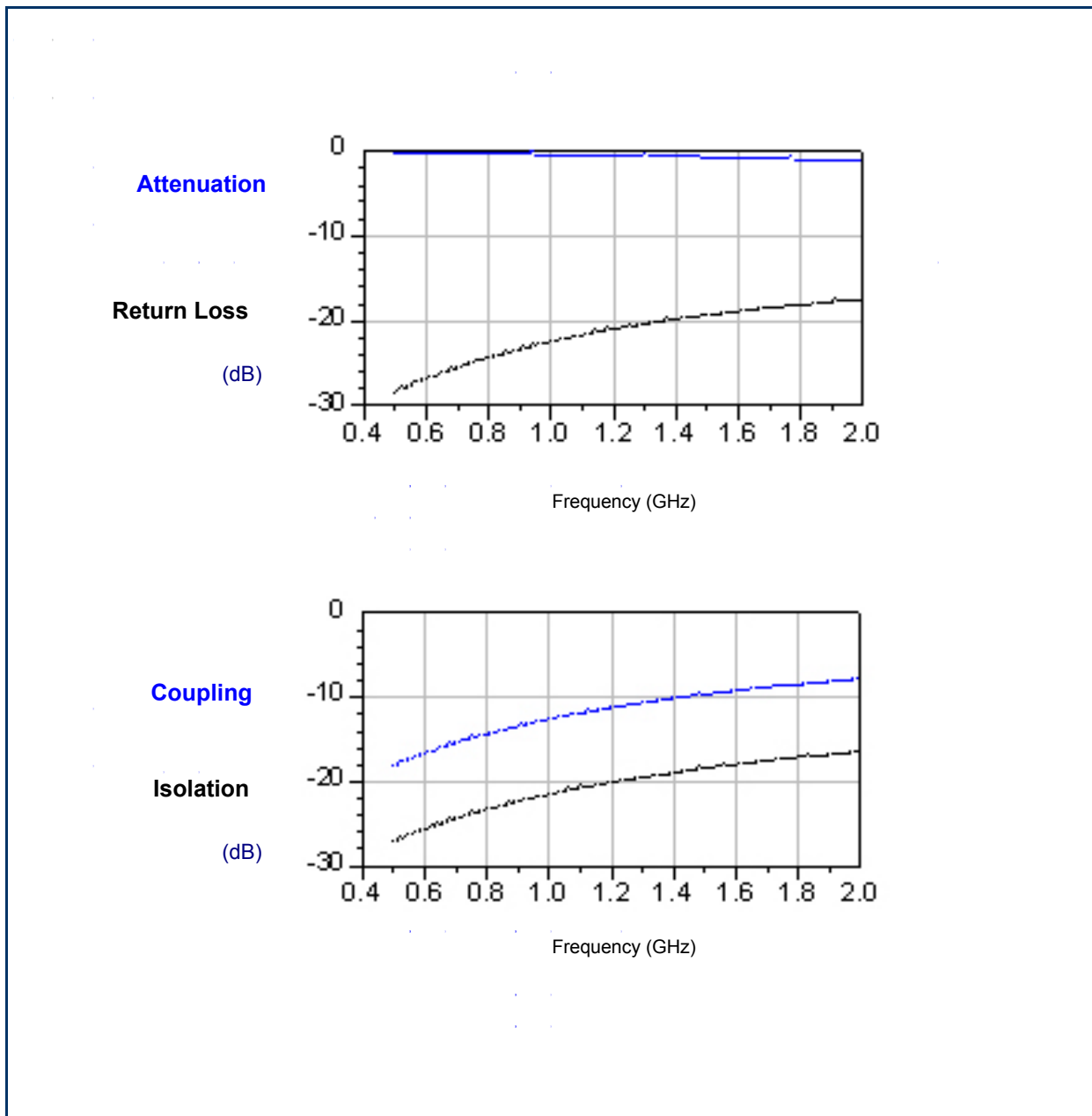
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Typical Electrical Characteristics (T=25°C)



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Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com