"High Frequency Ceramic Solutions"

967 MHz Directional Coupler **P/N 0967CP14A024**

Detail Specification: 06/15/04

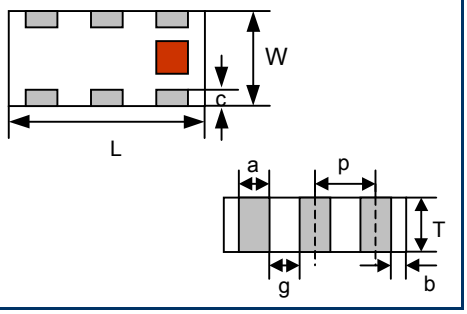
General Specifications

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

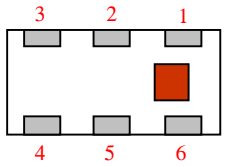
Mechanical Dimensions

	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/-.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

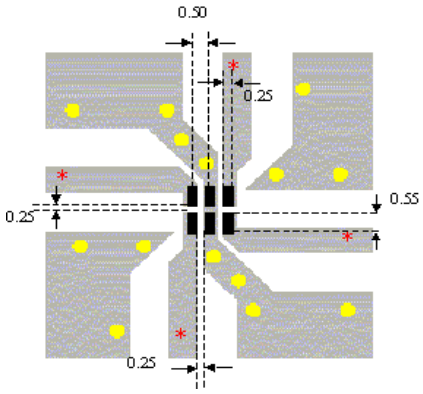


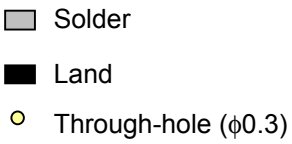
Mounting Considerations

Mount these devices with brown mark facing up.

Line width should provide 50Ω impedance matching characteristics.

Units: mm





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967 MHz Directional Coupler **P/N 0967CP14A024**

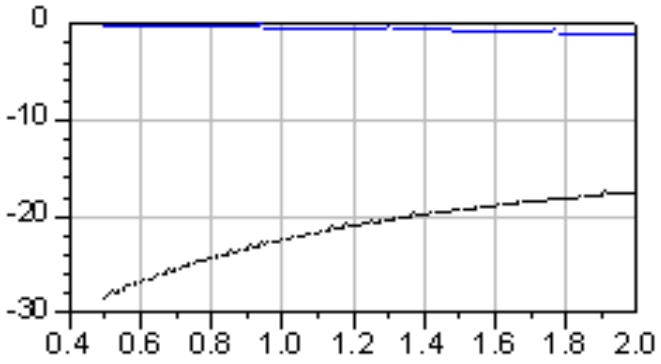
Detail Specification: 06/15/04

Typical Electrical Characteristics (T=25°C)

Attenuation

Return Loss

(dB)

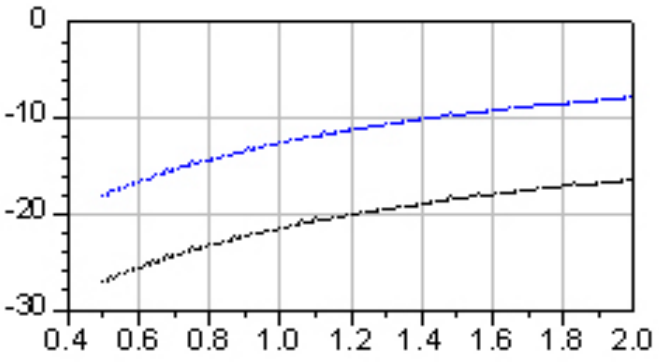


Frequency (GHz)

Coupling

Isolation

(dB)



Frequency (GHz)

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