

"High Frequency Ceramic Solutions"

892/1850 MHz Diplexer

Detail Specification: 11/13/03

P/N 0892DP14A1850

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General Specifications

Part Number	0892DP14A1850_	
Frequency (MHz)	824 - 960	1710 - 1990
Attenuation in Low Band Path	0.5 dB max.	15 dB min.
Attenuation in High Band Path	25 dB min.	0.8 dB max.
Pass-band Return Loss	12 dB min.	12 dB min.

Input Power	3 Watts max.
Impedance	50 Ω
Operating Temperature	-40 to +85°C
Reel Quantity	4,000

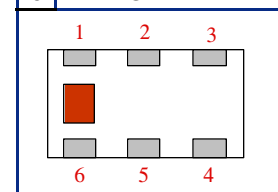
Terminal Configuration

No.	Function
1	Low Band Port (P3)
2	GND
3	High Band Port (P1)
4	GND
5	Common. Port (P2)
6	GND

Mechanical Dimensions

	In	mm
L	0.063 $\pm$ 0.004	1.60 $\pm$ 0.10
W	0.031 $\pm$ 0.004	0.80 $\pm$ 0.10
T	0.024 $\pm$ 0.004	0.60 $\pm$ 0.10
a	0.008 $\pm$ 0.004	0.20 $\pm$ 0.10
b	0.008 $\pm$ 0.004	0.20 $\pm$ 0.10
c	0.006 $\pm$ 0.004	0.15 $\pm$ 0.10
g	0.012 $\pm$ 0.004	0.30 $\pm$ 0.10
p	0.020 $\pm$ 0.002	0.50 $\pm$ 0.05

Units: mm

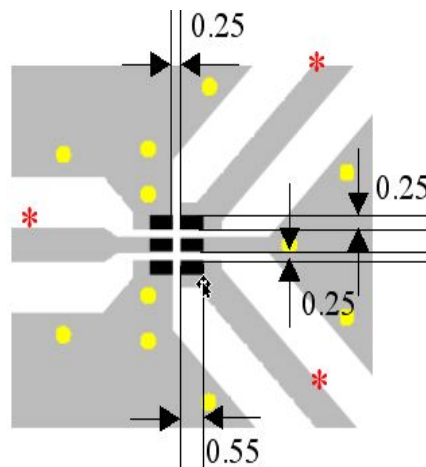


Mounting Considerations

Mount these devices with brown mark facing up.

Line width should be designed to provide 50 Ω impedance matching characteristics.

Units: mm



-  Solder Resist
-  Land
-  Through-hole (ϕ 0.35)

Johanson Technology, Inc. reserves the right to make design changes without notice.

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www.johansontechnology.com

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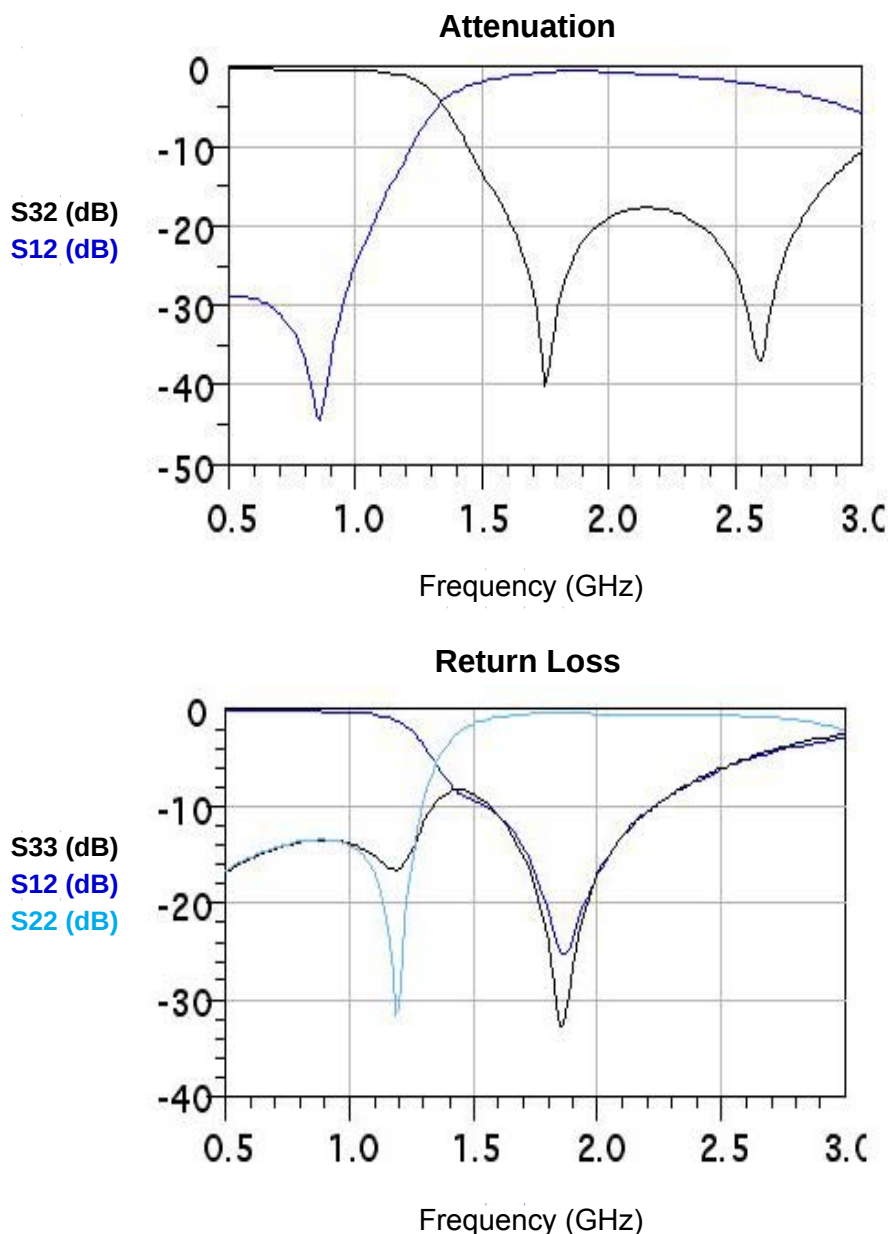
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Typical Electrical Performance (T=25°C)



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