



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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High Frequency Ceramic Solutions

898 MHz Directional Coupler/ Low Pass Filter Combination

P/N 0898CF15A035

Detail Specification: 01/09/09

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General Specifications

Part Number	0898CF15A035
Frequency (MHz)	880 - 915
Insertion Loss	0.7 dB max.
Return Loss	14 dB min.
Attenuation (min.)	22 dB @ 2 x Fo
Attenuation (min.)	17 dB @ 3 x Fo
Coupling	20 ± 1 dB

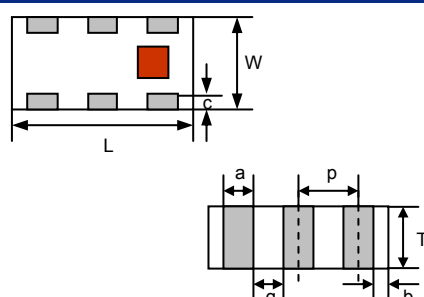
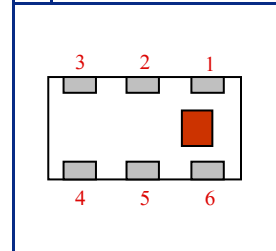
Isolation	25 dB min.
Impedance	50 Ω
Power Capacity	2 Watts max.
Reel Quantity	4,000
Operating Temperature	-40 to +85°C
Storage Temperature	+5 ~ +35°C, Humidity: 45~75%RH, 12 mos. Max

P/N Suffix	Packaging Style	Bulk	Suffix = S	Eg. 0898CF15A035S
		T & R	Suffix = E	Eg. 0898CF15A035E
	Termination Style	100% Tin	Suffix = None	Eg. 0898CF15A035(E or S)
		Tin / Lead	Suffix = /Pb	Eg. 0898CF15A035(E or S)/Pb

Terminal Configuration	
No.	Function
1	IN
2	GND
3	Main Out
4	Termination
5	GND
6	Coupled Out

Mechanical Dimensions

	In	mm
L	0.079 ± 0.004	2.00 ± 0.10
W	0.049 ± 0.004	1.25 ± 0.10
T	0.037 ± 0.004	0.95 ± 0.10
a	0.012 ± 0.004	0.30 ± 0.10
b	0.008 ± 0.004	0.20 ± 0.10
c	0.012 +.004/-0.008	0.30 +0.1/-0.2
g	0.014 ± 0.004	0.35 ± 0.10
p	0.026 ± 0.002	0.65 ± 0.05

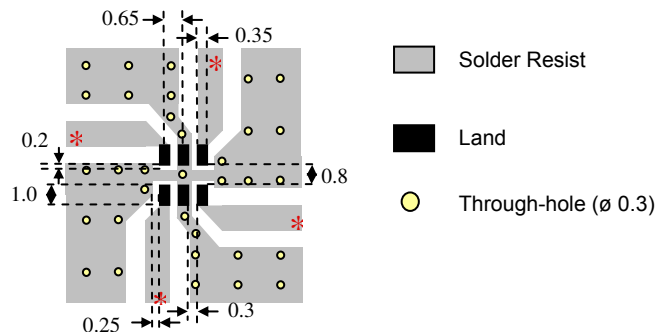



Mounting Considerations

Mount these devices with brown mark facing up.

* Line width should be designed to provide 50 ohm impedance, depending on PCB material and thickness

Units: mm



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

All sales are subject to Johanson Technology, Inc. terms and conditions.



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High Frequency Ceramic Solutions

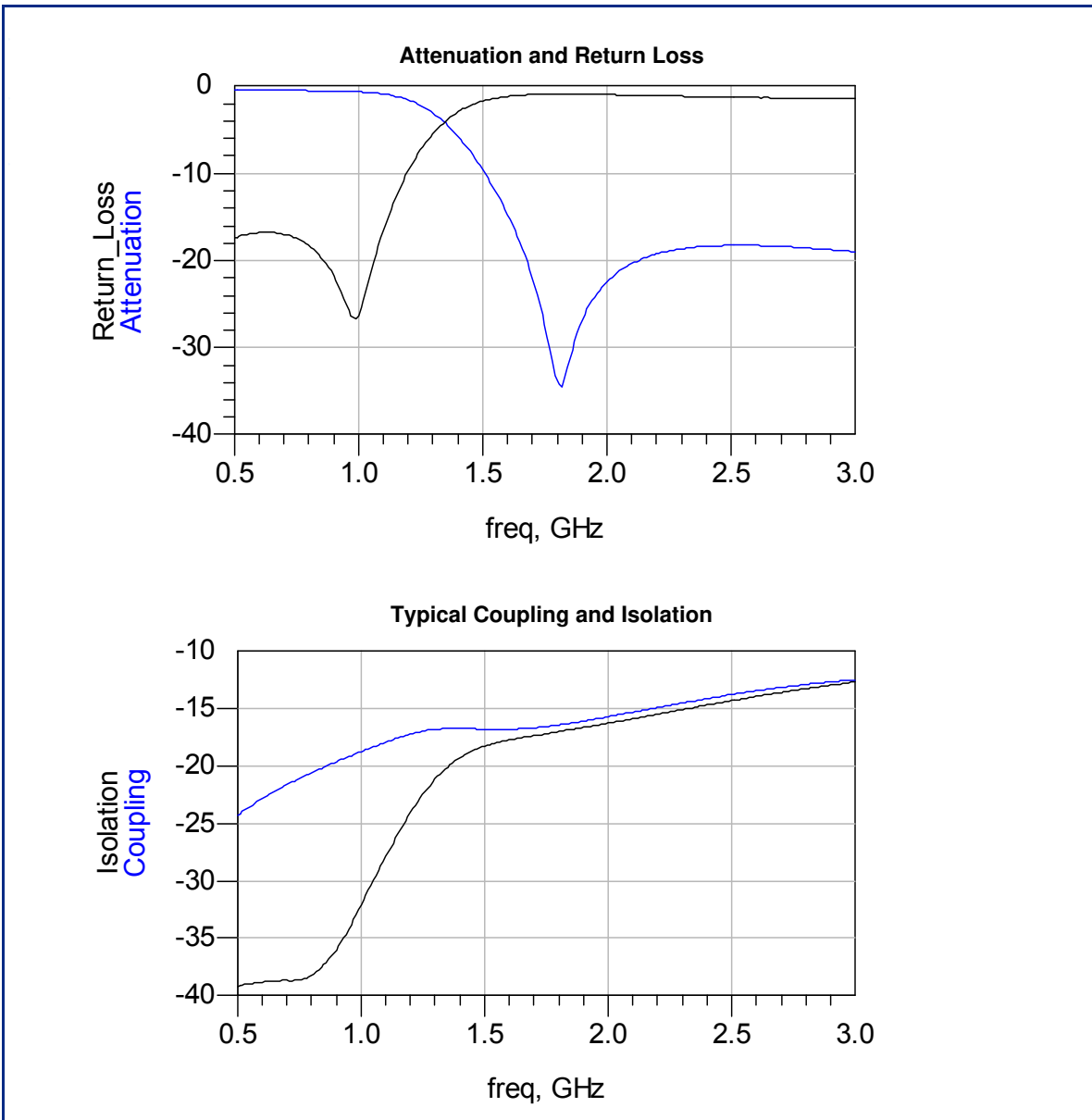
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Typical Electrical Performance (T=25°C)



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