



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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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



"High Frequency Ceramic Solutions"

910 MHz Directional Coupler/ Low Pass Filter Combination

P/N 0910CF15B0100

Detail Specification: 4/11/2012

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General Specifications

Part Number	0910CF15B0100
Frequency (MHz)	860 - 960
Attenuation (min.)	27 dB @ 2 x Fo
Attenuation (min.)	30 dB @ 3 x Fo
Attenuation (min.)	30 dB @ 4 x Fo
Attenuation (min.)	30 dB @ 5 x Fo
Insertion Loss	1.2 dB max.
Return Loss	20 dB min.

Power	2W max.
Coupling	10 ± 1 dB
Isolation	30 dB min.
Impedence	50 Ω
Operating Temperature	-40 to +85°C
Storage Conditions	+5 to +35°C, Humidity 45-75%RH, 18 months max.
Reel Quantity	4000

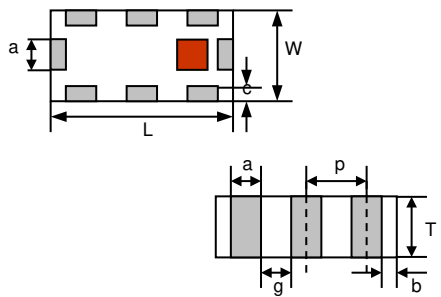
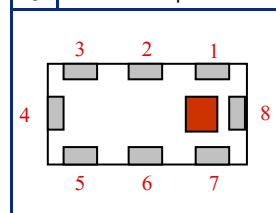
P/N	Packaging Style	Bulk	Suffix = S	Eg. 0910CF15B0100S
		T & R	Suffix = E	Eg. 0910CF15B0100E
	Termination Style	100% Tin	Suffix = None	Eg. 0910CF15B0100(E or S)

Terminal Configuration

No.	Function
1	Termination
2	GND
3	GND
4	Input
5	Coupled Out
6	GND
7	GND
8	Output

Mechanical Dimensions

	In	mm
L	0.079 ± 0.004	2.00 ± 0.10
W	0.049 ± 0.004	1.25 ± 0.10
T	0.027 ± 0.004	0.70 ± 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

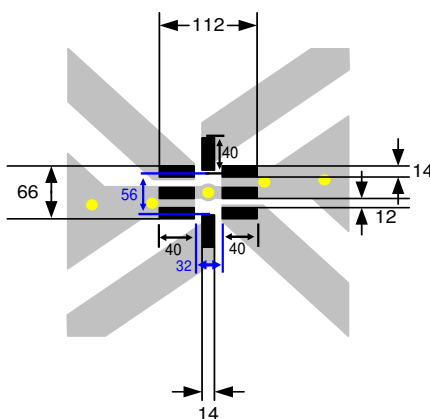



Mounting Considerations

Mount these devices with dark red mark facing up.

Units: mils

* Please note that line width should be designed to provide 50 ohm impedance, depending on PCB material and thickness



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

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www.johansontechology.com

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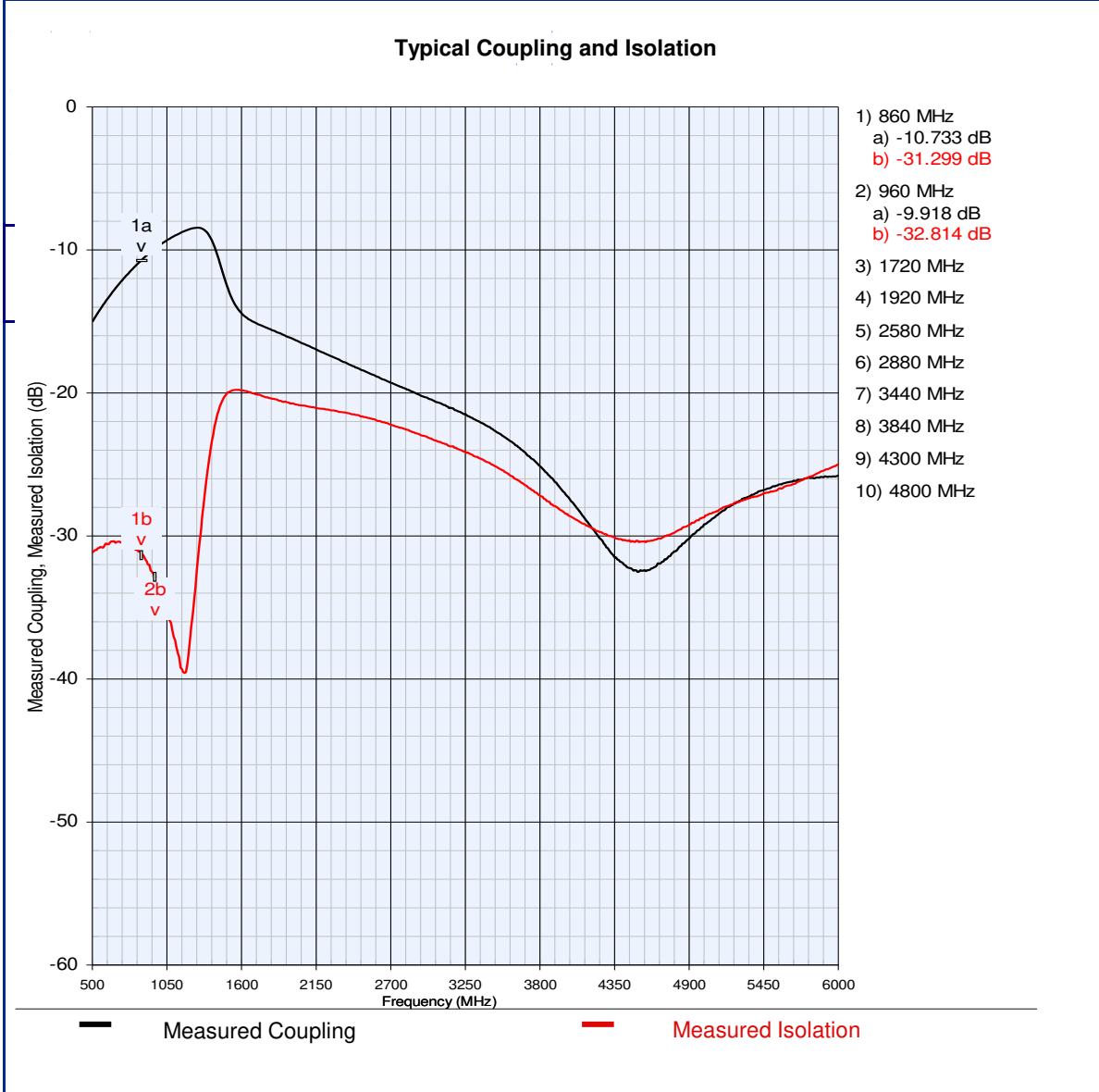
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Typical Electrical Performance (T=25°C)



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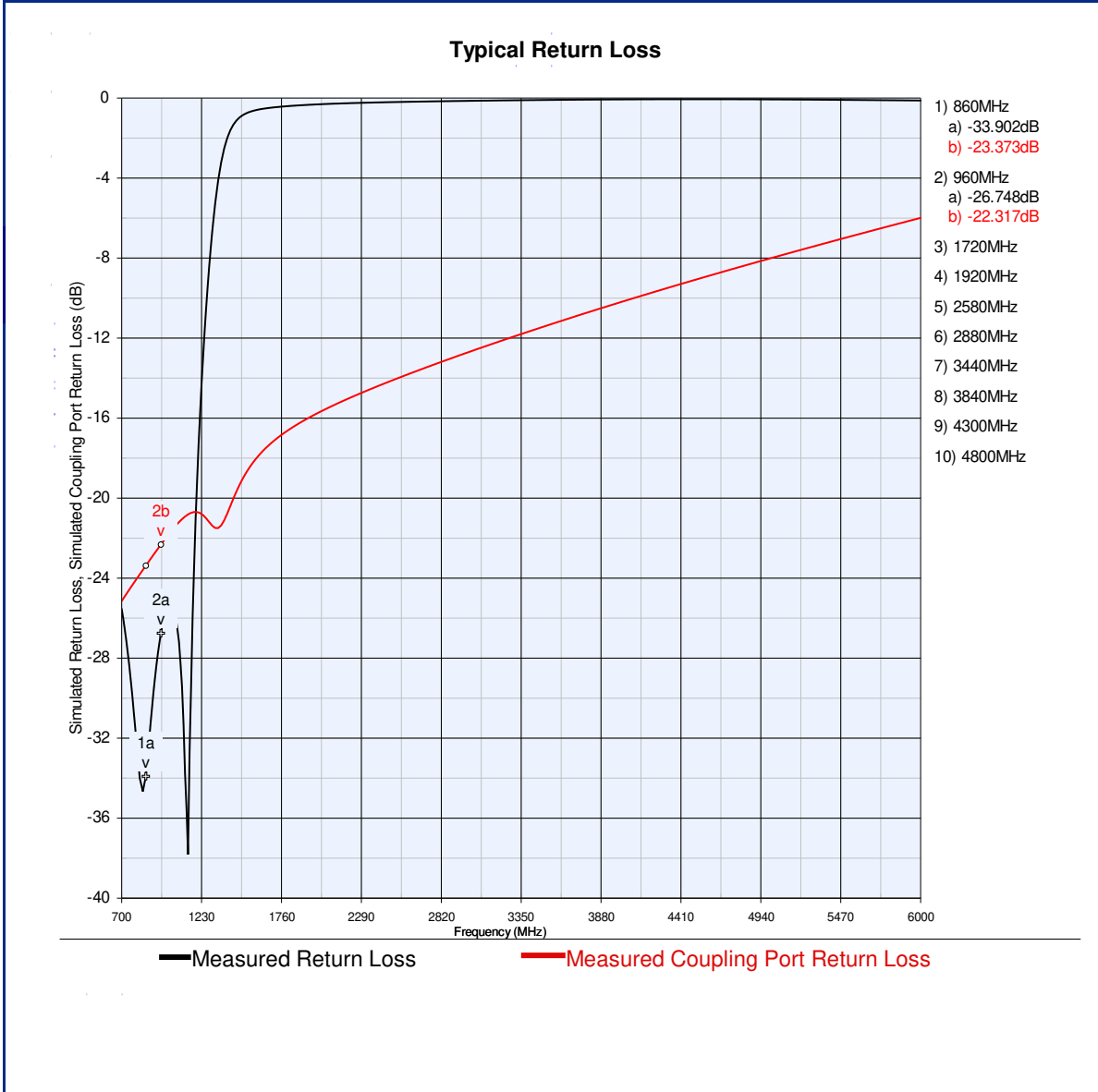
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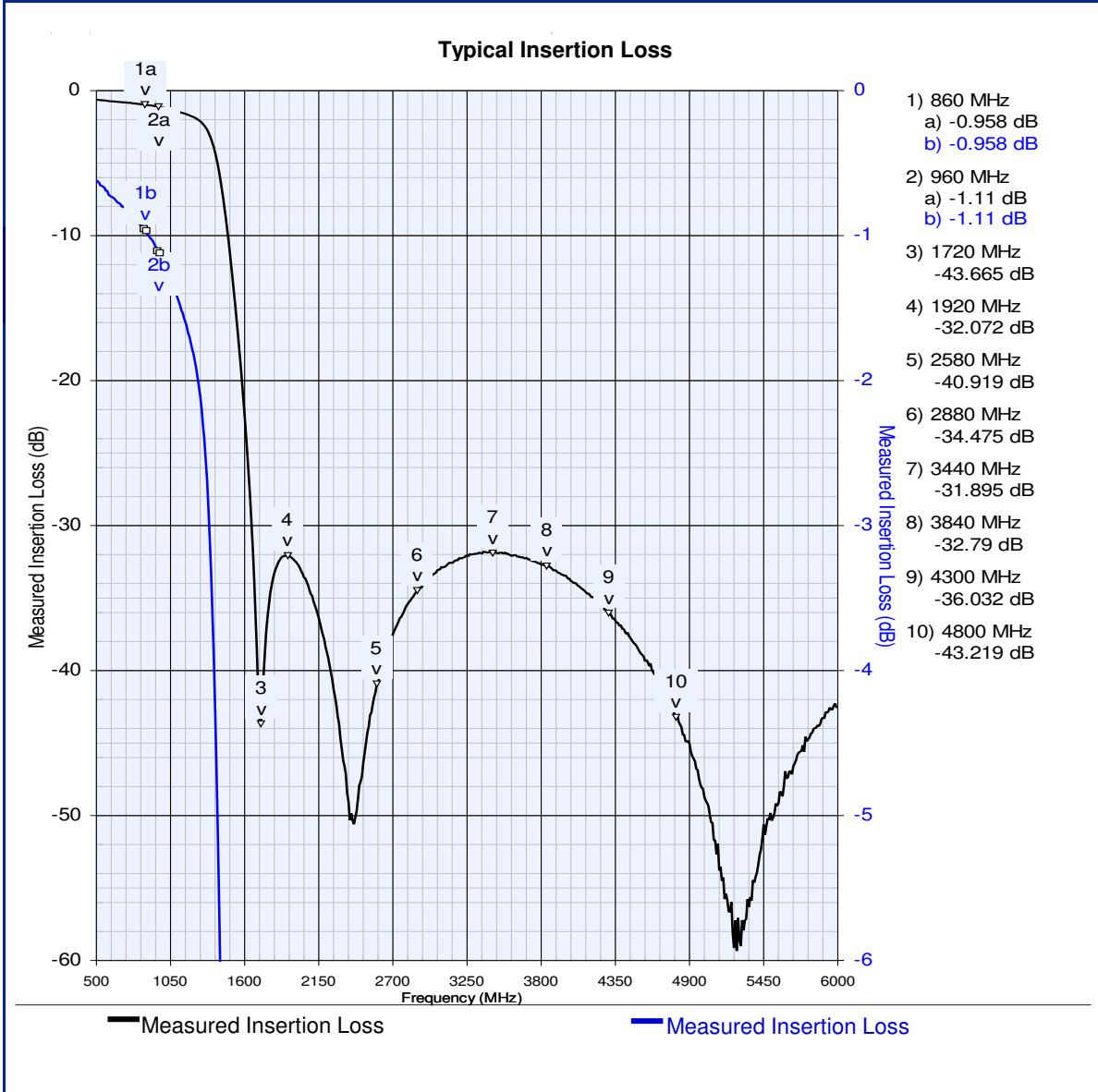
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