



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

2345 MHz Balun / Filter Combination

P/N 2345FB16A0100

Detail Specification: 12/15/09

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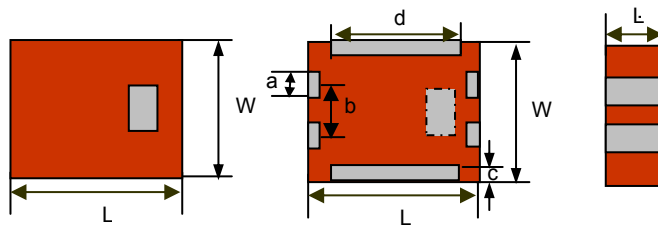
General Specifications

Part Number	2345FB16A0100
Frequency (MHz)	2300-2390
Unbalanced Impedance	50 Ω
Balanced Impedance	100 Ω
Insertion Loss	2.8 dB max.
Return Loss	9.5 dB min.
Phase Difference	180° \pm 10
Amplitude Difference	1.0 dB max.

Attenuation (dB)	40 min.@760 ~ 800MHz
	30 min.@1500 ~ 1600MHz
	14 min.@3050 ~ 3200MHz
	23 min.@3800 ~ 4000MHz
Operating and Storage Temp.	-40 to +85°C
Reel Quantity	4,000
Power Capacity	0.5 watt max.

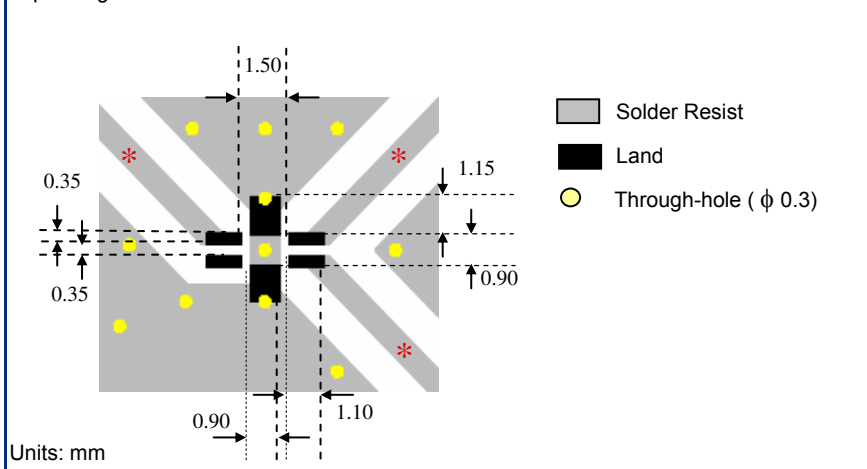
Mechanical Dimensions

	In	mm
L	0.079 \pm 0.006	2.00 \pm 0.15
W	0.059 \pm 0.006	1.50 \pm 0.15
T	0.035 \pm 0.004	0.90 \pm 0.10
a	0.012 \pm 0.004	0.30 \pm 0.10
b	0.028 \pm 0.006	0.70 \pm 0.15
c	0.010 \pm 0.006	0.25 \pm 0.15
d	0.031 \pm 0.006	0.80 \pm 0.15



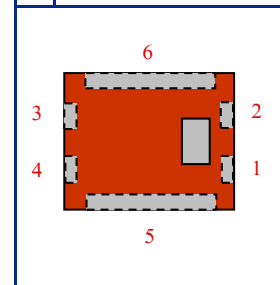
Mounting Considerations

* Line width should be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness.



Terminal Configuration

No.	Function
1	Unbalanced Port
2	NC
3	Balanced Port
4	Balanced Port
5	GND
6	GND



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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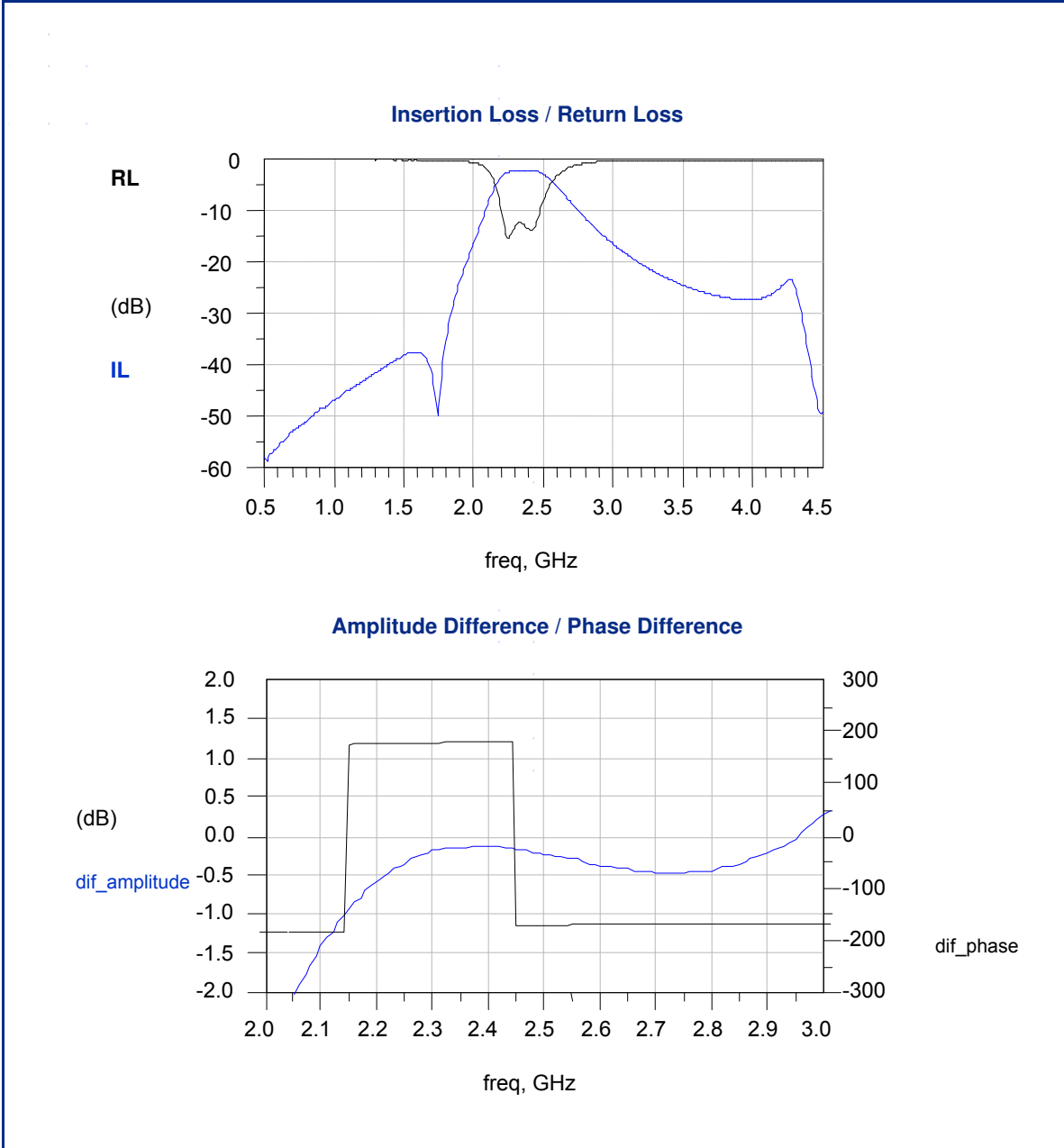
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Typical Electrical Performance (T=25°C)



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