

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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1850 MHz EIA 0805 1:1 RF Balun

P/N 1850BL15B050

Detail Specification: 7/16/2014

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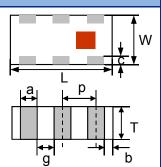
General Specifications			
Part Number	1850BL15B050		
Unbalanced Impedance (single ended)	50 Ω		
Differential Balanced Imp.	50 Ω		
Operating Frequency 1 (MHz)	1700 ~ 2000		
Insertion Loss, Oper Freq 1	1.0 dB max.		
Return Loss, Oper Freq 1	9.5 dB min.		
Operating Frequency 2 (MHz)	1700 ~ 2300		
Insertion Loss, Oper Freq 2	1.1 dB max.		

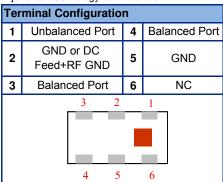


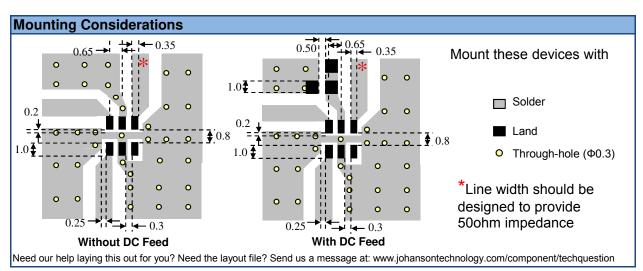
- p			
Insertion Loss, Oper Freq 2	1.1 dB max.	Power Capacity	3 W max. (CW)
Return Loss, Oper Freq 2	9.0 dB min.	Operating Temperature	-40 to +85°C
Phase Difference (1&2)	180 ± 10 deg.	Storage Temperature Range	-40 to +85°C
Amplitude Difference (1&2)	2 dB max.	Reel Quantity	4,000 pcs

You can download measured s-parameters of this component at: http://www.johansontechnology.com/rfbaluns

Me	Mechanical Dimensions					
	In	mm				
L	0.079 ± 0.004	2.00 ± 0.10				
W	0.049 ± 0.004	1.25 ± 0.10				
T	0.033 ± 0.004	0.85 ± 0.10				
а	0.012 ± 0.004	0.30 ± 0.10				
b	0.008 ± 0.004	0.20 ± 0.10				
С	0.012 +0.004/0.008	0.30 +0.1/-0.2				
g	0.014 ± 0.004	0.35 ± 0.10				
р	0.026 ± 0.002	0.65 ± 0.05				







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

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



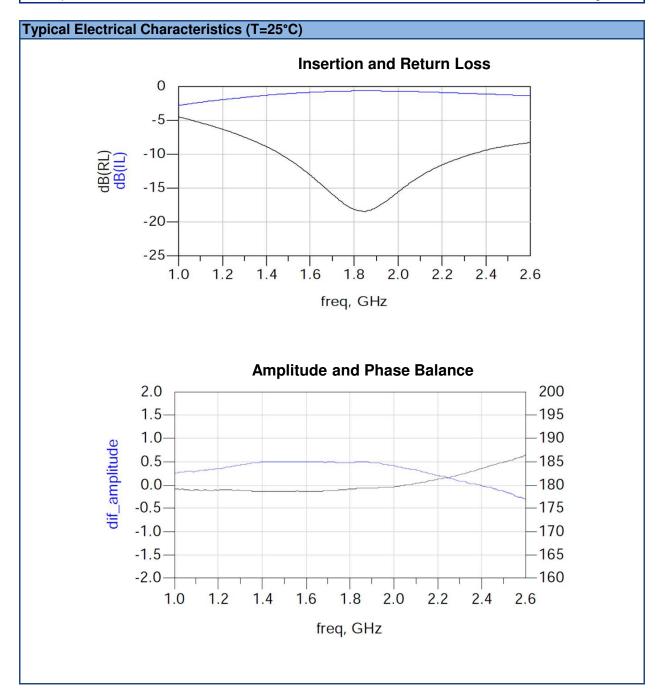
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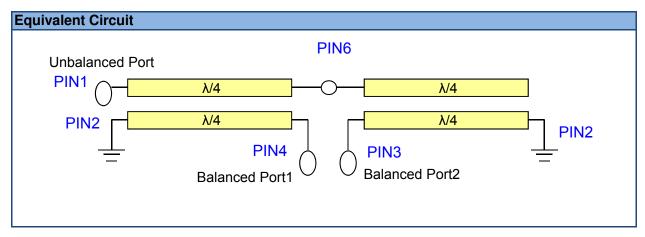


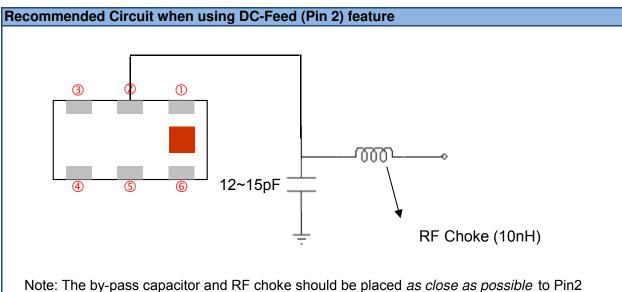
1850 MHz EIA 0805 1:1 RF Balun

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P/N 1850BL15B050

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Part Number Explanation				
	Packing Style	Bulk	Suffix = S	Eg. 1850BL15B050S
P/N Suffix		T&R	Suffix = E	Eg. 1850BL15B050E
P/IN Sullix	Termination style	100% Tin	Suffix = None	Eg. 1850BL15B050 (E or S)
	Evaluation Board	1850BL15B050-EBSMA		

Recommended Storage	
Conditions of unused	+5 to +35°C, 18 mos. max. Humidity 45~75% RH
product on T&R	

More Filter-Balun info at:

http://www.johansontechnology.com/rfbaluns

Packaging information

www.johansontechnology.com/ipcpackaging.html

Soldering Information

www.johansontechnology.com/ipcsoldering-profile

MSL Info

www.johansontechnology.com/technical-notes/msl-rating.html

Recommneded Storage Condition and Max Shelf Life

www.johansontechnology.com/ipcstorage-shelflife

RoHS Compliance

www.johansontechnology.com/technical-notes/rohs-compliance.html

Antenna layout and tuning techniques

www.johansontechnology.com/tuning

Antenna layout review, tuning, and characterization services

www.johansontechnology.com/ipcantennaservices

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