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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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



5.4GHz EIA 0603 Mini Balun with DC Feed Option. 100Ω Differential

P/N 5400BL14B100

Impedance, 50 Single Ended

JOHANSON

TECHNOLOGY

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Detail Specification: 9/18/2014

General Specifications					
Part Number	5400BL14B100	Phase Difference	180±10 deg		
Frequency (MHz)	4900 - 5875	Return Loss	9.5 dB min.		
Balanced Diff. Impedance	100 Ω	Operating Temperature	-40 to +85°C		
Unbalanced Impedance	50 Ω	Reel Quantity	4,000 pcs		
Insertion Loss @ BW	0.8dB Typ (1.0 dB max.)	Power Capacity	0.5W max. (CW)		

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

Part Number Explanation						
P/N Suffix Termination Style	Bulk	Suffix = S	Eg. 5400BL14B100S			
	T&R	Suffix = T	Eg. 5400BL14B100T (Reel: 4000pcs.)			
	Termination Style	100% Tin	Suffix = None	Eg. 5400BL14B100(T or S)		



4 Balanced Port (OUT2) 5 GND Balanced Port (OUT1) 6 NC (2) (1) (5) 6



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www.johansontechnology.com

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Ver 1.1

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5.4GHz EIA 0603 Mini Balun with DC Feed Option. 100Ω Differential P/N 5400BL14B100 Impedance, 50Ω Single Ended

Detail Specification: 9/18/2014







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freq, GHz





4.4

4.6

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5.4GHz EIA 0603 Mini Balun with DC Feed Option. 100Ω Differential Impedance, 50 Single Ended

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P/N 5400BL14B100

Detail Specification: 9/18/2014

More 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

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