"High Frequency Ceramic Solutions"

5400 MHz Balun **P/N 5400BL15B200**

Detail Specification: 09/14/06

General Specifications

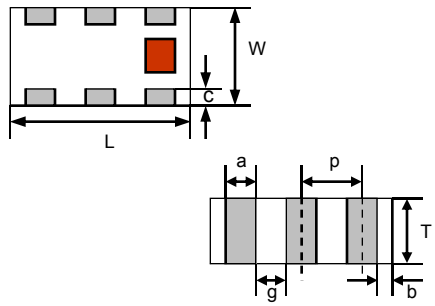
Part Number	5400BL15B200
Frequency (MHz)	4900 ~ 5875
Unbalanced Impedence	50 Ω
Balanced Impedence	200 Ω
Insertion Loss	1.0 dB max.
Return Loss	9.5 dB min.

Phase Difference	180° ± 10
Amplitude Difference	2.0 dB max.
Operating Temperature	-40 to +85°C
Reel Quanity	4,000
Power Capacity	3 watts max.

P/N Suffix	**Packaging Style**	Bulk	Suffix = S	Eg. 5400BL15B200S
		T & R	Suffix = E	Eg. 5400BL15B200E
	Termination Style	100% Tin	Suffix = None	Eg. 5400BL15B200(E or S)
		Tin / Lead	Please consult Factory	

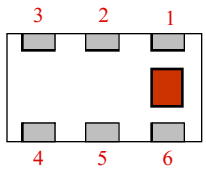
Mechanical Dimensions

	In	mm
L	0.079 ± 0.004	2.00 ± 0.10
W	0.049 ± 0.004	1.25 ± 0.10
T	0.035 ± 0.004	0.90 ± 0.10
a	0.012 ± 0.004	0.30 ± 0.10
b	0.008 ± 0.004	0.20 ± 0.10
c	0.012 +.004/-.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



Terminal Configuration

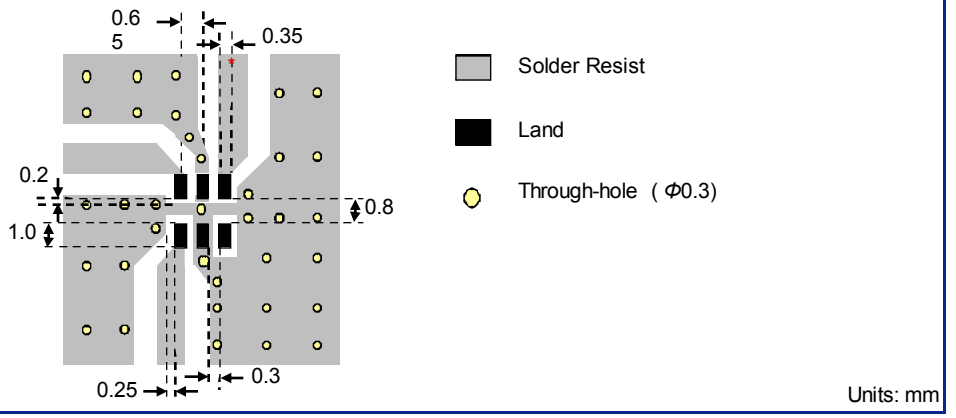
No.	Function
1	Unbalanced Port
2	GND
3	Balanced Port
4	Balanced Port
5	GND
6	NC



Mounting Considerations

Mount these devices with brown mark facing up.

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



Units: mm

JOHANSON TECHNOLOGY

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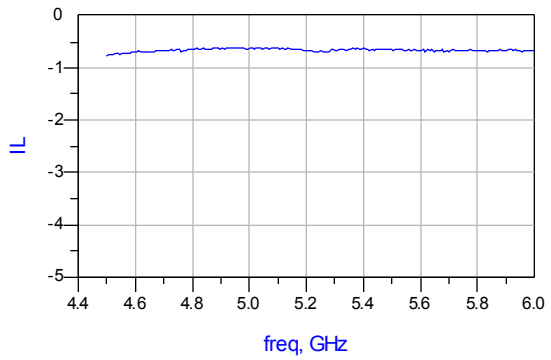
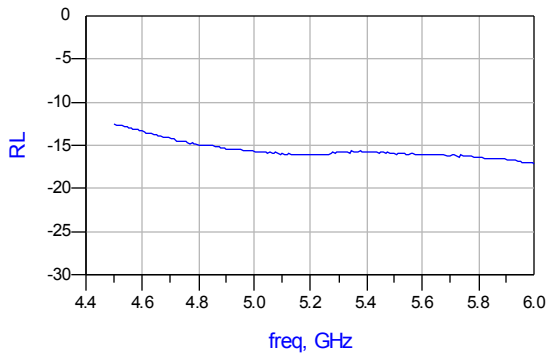
Detail Specification: 09/14/06

Typical Electrical Performance (T=25°C)

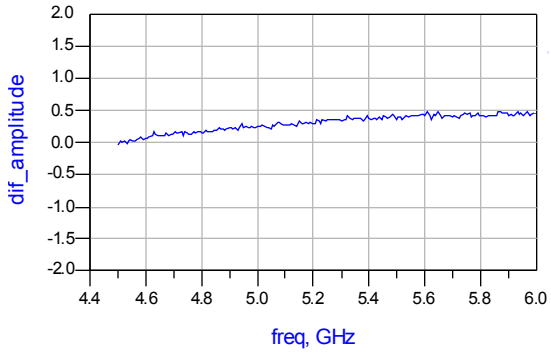
Insertion Loss



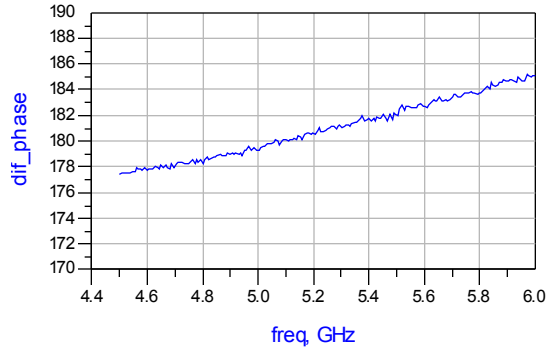
Return Loss



Amplitude Difference



Phase Difference



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