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[Johanson Technology Inc.](#)  
[5400BL15B050E](#)

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# "High Frequency Ceramic Solutions"

**5400 MHz Balun** **P/N 5400BL15B050**  
 Detail Specification: 07/21/03 Page 1 of 2

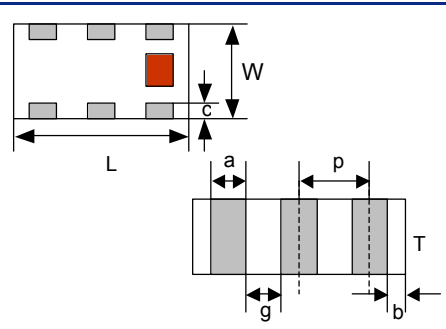
### General Specifications

Part Number	5400BL15B050
Frequency (MHz)	4900~5900
Unbalanced Impedence	50 Ω
Differential Balanced Imp.	50 Ω
Insertion Loss	1.0 dB max.
Return Loss	9.5 dB min.
Phase Difference (degree)	180 ± 10
Amplitude Difference	2 dB max.

Operating Temperature	-40 to +85°C
Reel Quantity	4,000
Power Capacity	3.0 watts max.

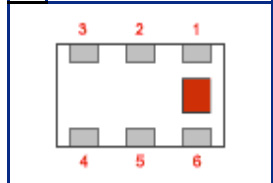
### Mechanical Dimensions

	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
a	0.012 ± 0.004	0.30 ± 0.10
b	0.008 ± 0.004	0.20 ± 0.10
c	0.012 +.004/-0.006	0.30 +0.1/-0.2
g	0.014 ± 0.004	0.35 ± 0.10
p	0.026 ± 0.002	0.65 ± 0.05



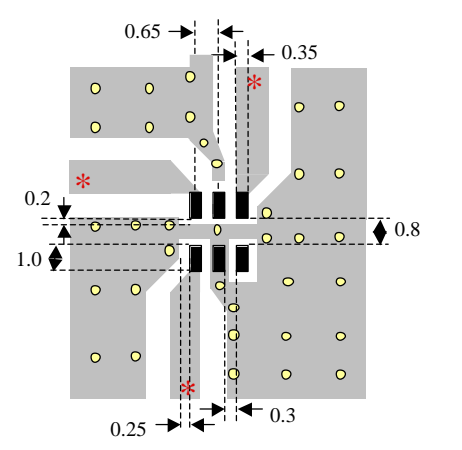
### Terminal Configuration

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 provide proper impedance matching characteristics.  
 Units: mm



- Solder
- Land
- Through-hole (φ0.3)

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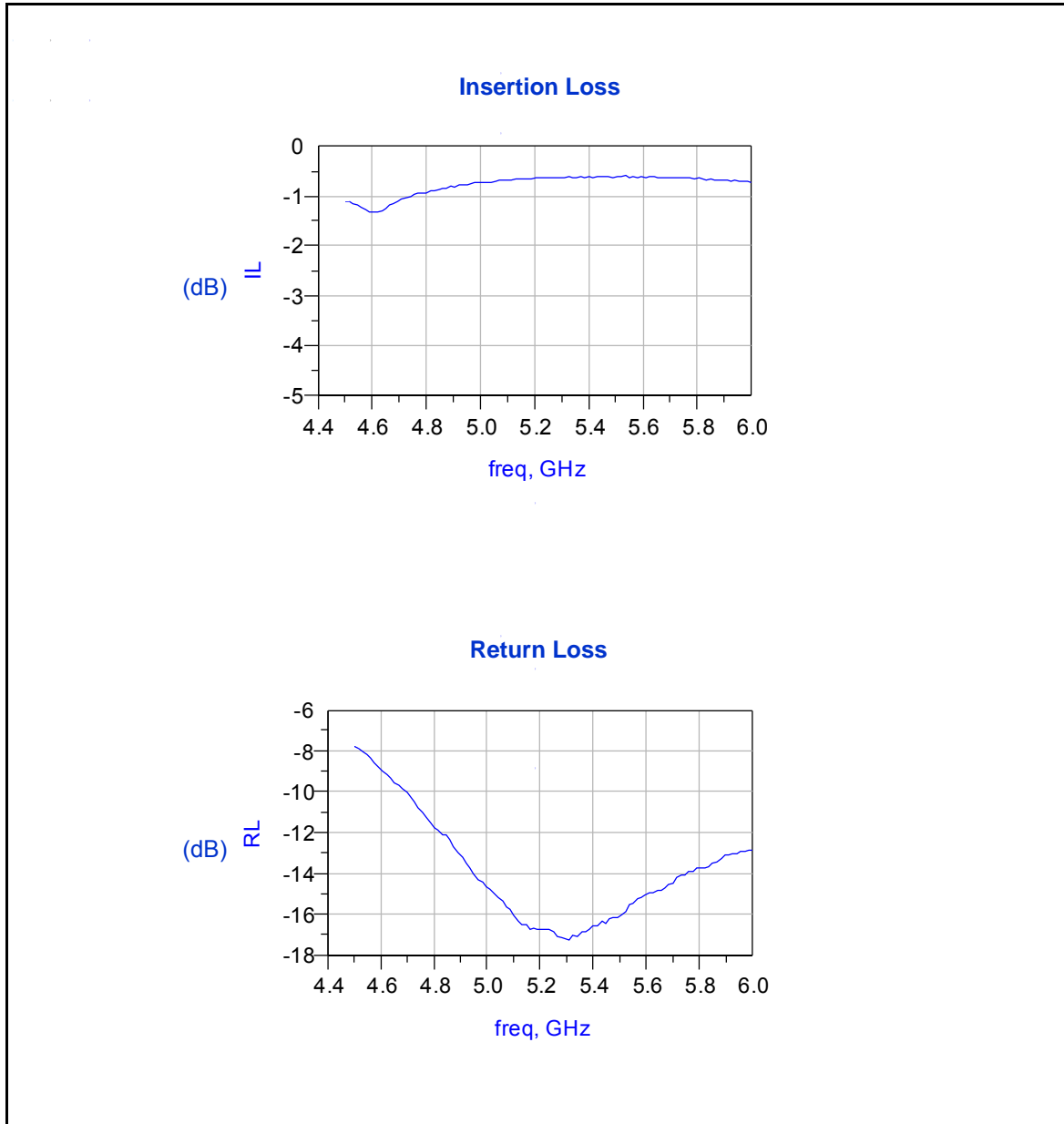
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### Typical Electrical Performance (T=25°C)



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