



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



"High Frequency Ceramic Solutions"

1600 MHz Balun

P/N 1600BL15B050

Detail Specification: 01/03/05

Page 1 of 2

General Specifications

| | |
|----------------------------|--------------|
| Part Number | 1600BL15B050 |
| Frequency (MHz) | 1500~1700 |
| Unbalanced Impedance | 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. |

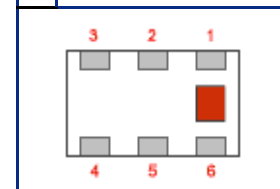
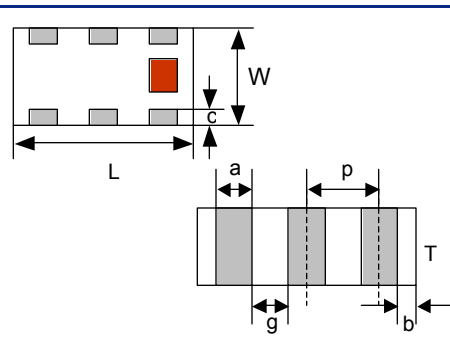
| | |
|-----------------------|----------------|
| Operating Temperature | -40 to +85°C |
| Reel Quantity | 4000 |
| Power Capacity | 3.0 watts max. |

Terminal Configuration

| No. | Function |
|-----|-------------------------------|
| 1 | Unbalanced Port |
| 2 | GND, or DC Bias+ RF Bypass |
| 3 | Balanced Port |
| 4 | Balanced Port |
| 5 | GND |
| 6 | NC |

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/-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 |

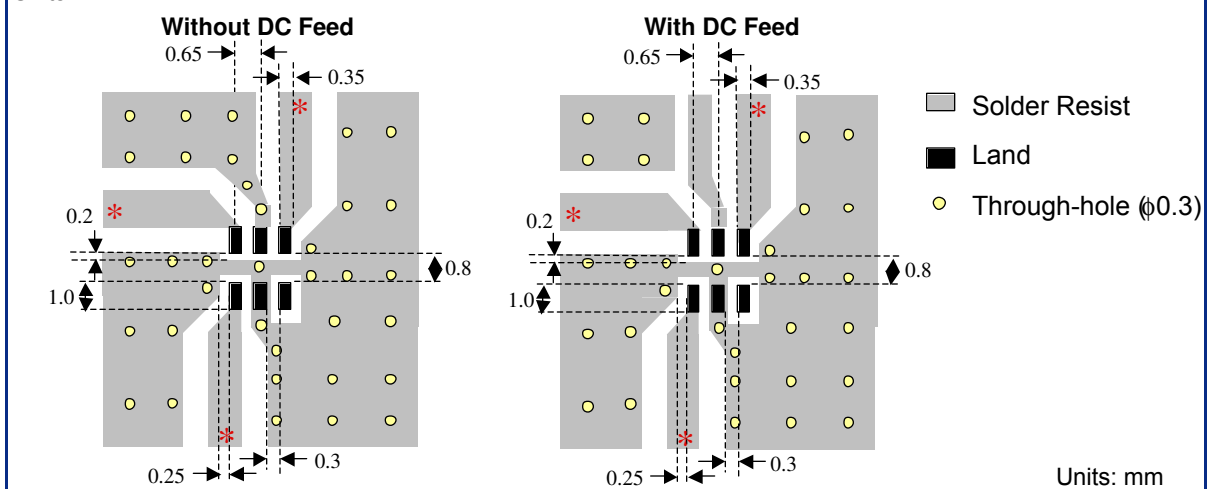


Mounting Considerations

Mount these devices with brown mark facing up.

Line width should be designed to provide proper impedance matching characteristics.

Units: mm



Johanson Technology, Inc. reserves the right to make design changes without notice.
All sales are subject to Johanson Technology, Inc. terms and conditions.



www.johansontechology.com

931 Via Alondra • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821

2003 Johanson Technology, Inc. All Rights Reserved

"High Frequency Ceramic Solutions"

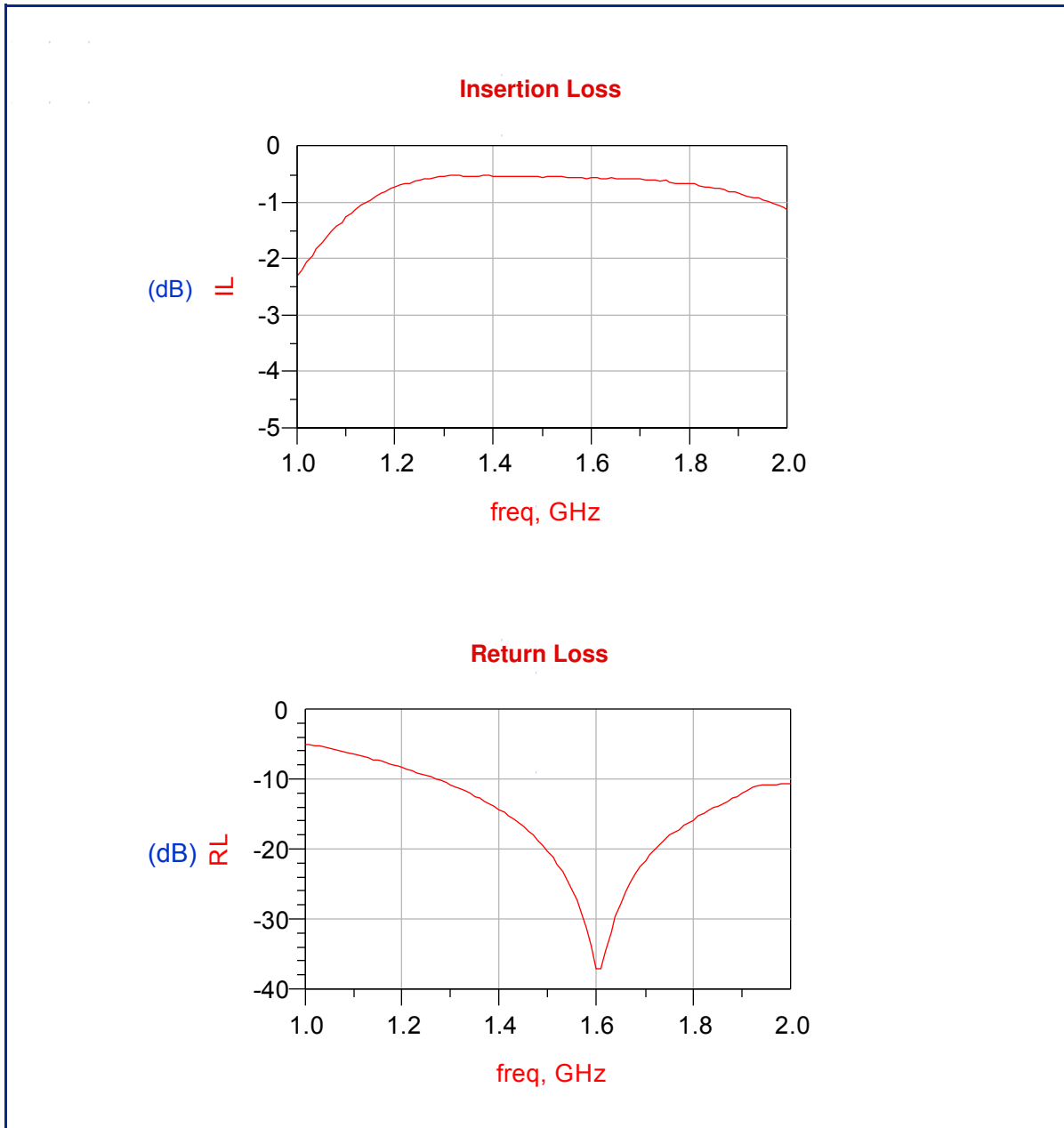
1600 MHz Balun

P/N 1600BL15B050

Detail Specification: 01/03/05

Page 2 of 2

Typical Electrical Performance (T=25°C)



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

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



www.johansontechnology.com

931 Via Alondra • Camarillo, CA 93012 • TEL 805.389.1166 FAX 805.389.1821

2003 Johanson Technology, Inc. All Rights Reserved