

"High Frequency Ceramic Solutions"

2.45 GHz Balun

P/N 2450BL15B200

Detail Specification: 09/29/03

Page 1 of 2

General Specifications

Part Number	2450BL15B200
Frequency (MHz)	2400~2500
Unbalanced Impedance	50 Ω
Differential Balanced Imp.	200 Ω
Insertion Loss	1.0 dB max.
Return Loss	9.5 dB min.
Phase Difference (degree)	180 \pm 10
Amplitude Difference	2 dB max.

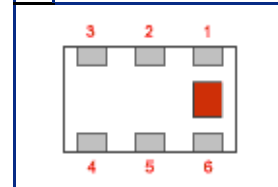
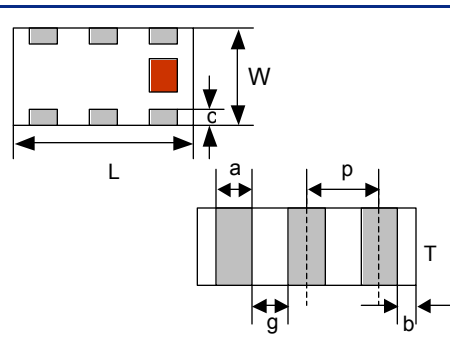
Operating Temperature	-40 to +85°C
Reel Quantity	4,000
Power Capacity	3.0 watts max.

Terminal Configuration

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

Mechanical Dimensions

	In	mm
L	0.079 \pm 0.004	2.00 \pm 0.10
W	0.049 \pm 0.004	1.25 \pm 0.10
T	0.033 \pm 0.004	0.85 \pm 0.10
a	0.012 \pm 0.004	0.30 \pm 0.10
b	0.008 \pm 0.004	0.20 \pm 0.10
c	0.012 $+0.004/-0.006$	0.30 $+0.1/-0.2$
g	0.014 \pm 0.004	0.35 \pm 0.10
p	0.026 \pm 0.002	0.65 \pm 0.05

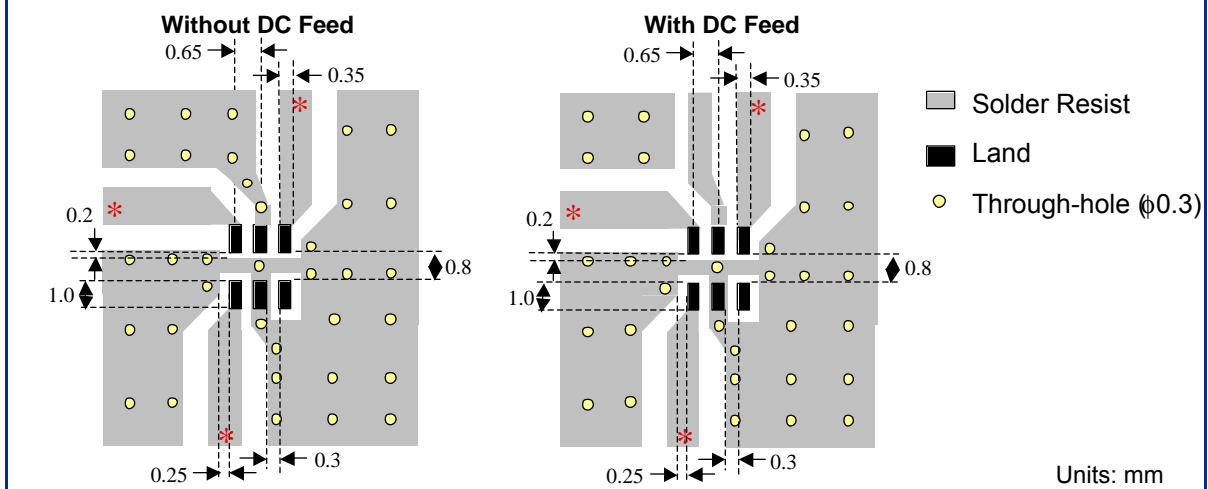


Mounting Considerations

Mount these devices with brown mark facing up.

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

Units: mm



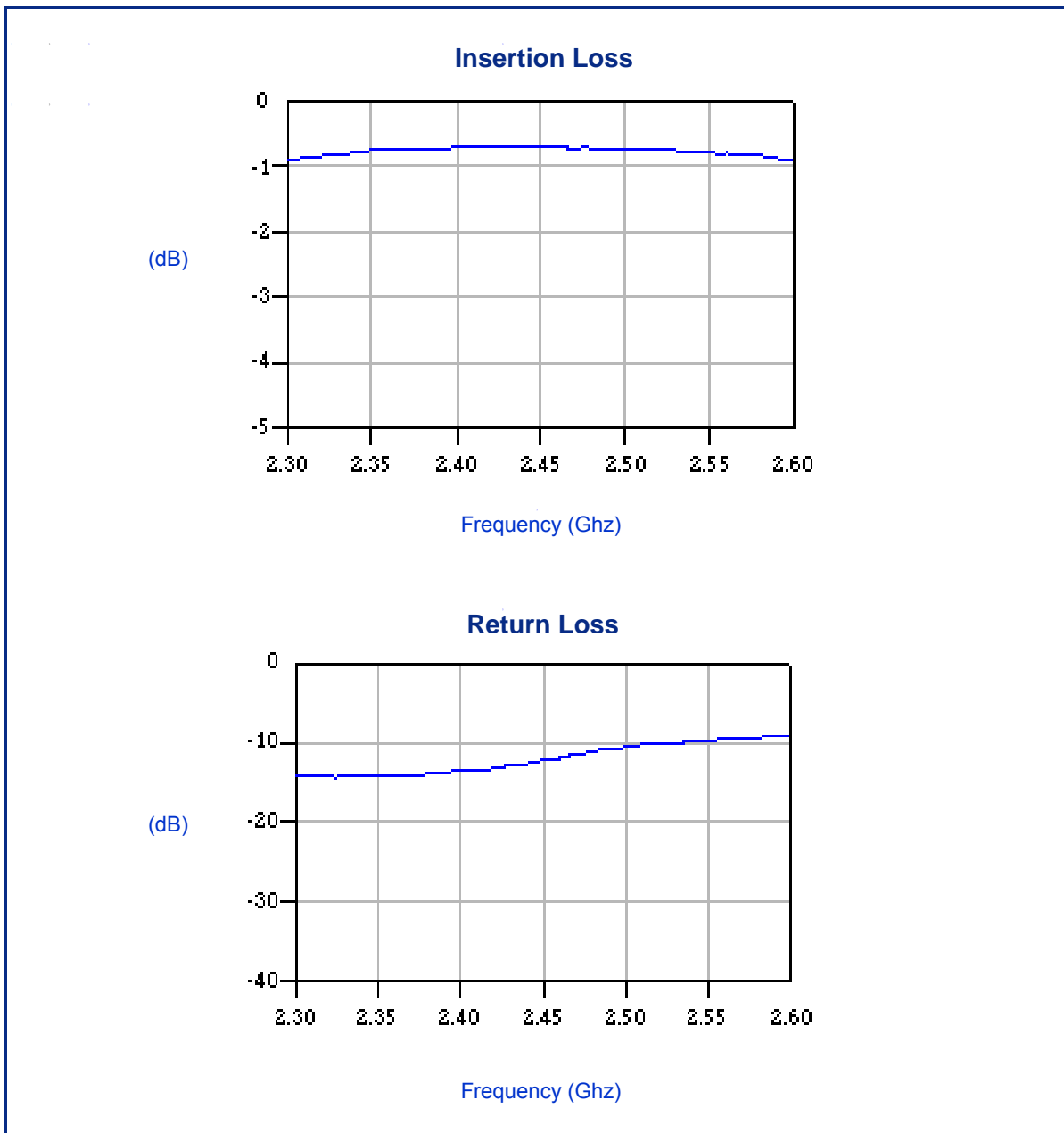
Johanson Technology, Inc. reserves the right to make design changes without notice.
All sales are subject to Johanson Technology, Inc. terms and conditions.

"High Frequency Ceramic Solutions"

2.45 GHz Balun

Detail Specification: 09/29/03

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.