"High Frequency Ceramic Solutions"

900 MHz Balun **P/N 0900BL18B200**

Detail Specification: 03/15/05

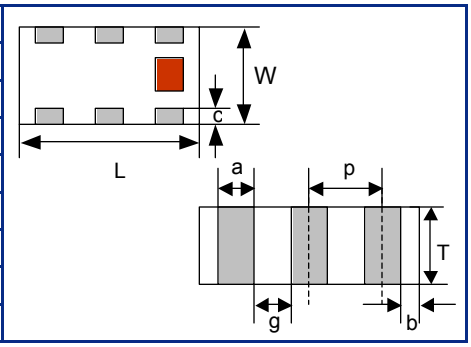
General Specifications

Part Number	0900BL18B200
Frequency (MHz)	800 - 1000
Unbalanced Impedence	50 Ω
Differential Balanced Imp.	200 Ω
Insertion Loss	1.0 dB max.
Return Loss	9.5 dB min.
Phase Difference (degree)	180 ± 10
Amplitude Difference	2.0 dB max.

Operating Temperature	-40 to +85°C
Reel Quanity	3,000
Power Capacity	3 Watts max.

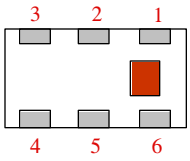
Mechanical Dimensions

	In	mm
L	0.126 ± 0.006	3.20 ± 0.15
W	0.063 ± 0.006	1.60 ± 0.15
T	0.033 ± 0.004	0.85 ± 0.10
a	0.022 ± 0.006	0.55 ± 0.15
b	0.014 ± 0.006	0.35 ± 0.15
c	0.012 +.004/-.008	0.30 +0.1/-0.2
g	0.016 ± 0.006	0.40 ± 0.15
p	0.039 ± 0.004	1.00 ± 0.10



Terminal Configuration

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



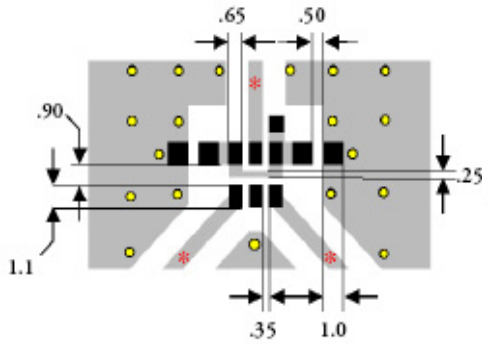
Mounting Considerations

Mount these devices with brown mark facing up.

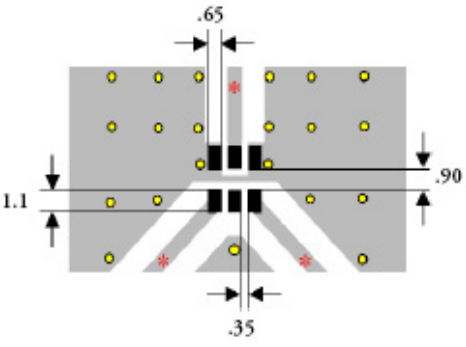
* Line width should be designed to provide proper impedance matching characteristics.

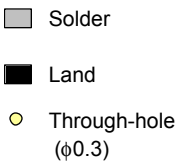
Units: mm

With DC feed



Without DC feed





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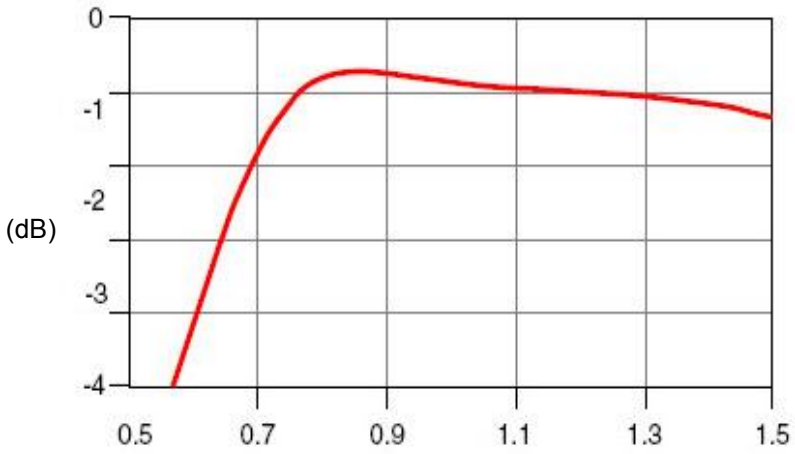
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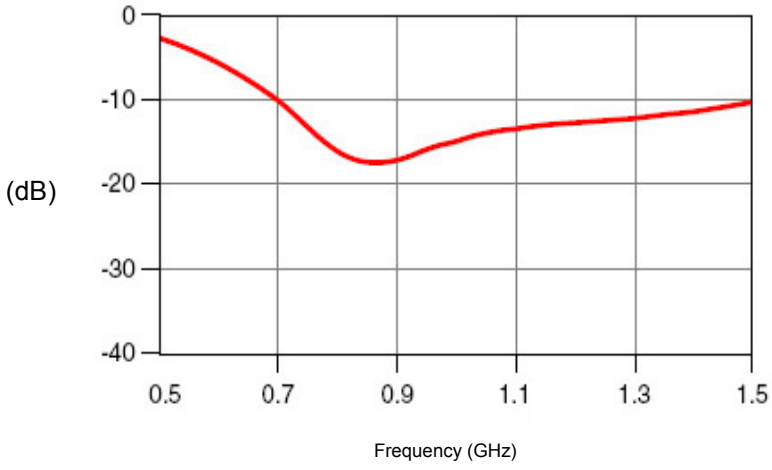
Detail Specification: 03/15/05

Typical Electrical Performance (T=25°C)

Insertion Loss



Return Loss



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