

"High Frequency Ceramic Solutions"

5.5 GHz Balun

P/N 5512BL15B100

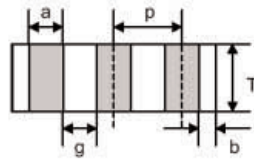
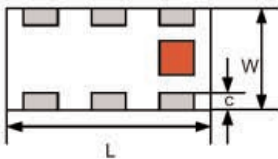
Detail Specification Page 1 of 2

Part Number	Frequency (MHz)	Impedance Unbal. / Bal.	Insertion Loss	Return Loss	Phase Difference	Amplitude Difference
5512BL15B100_	5150 - 5875	50/100 Ω	1.0 dB	11.7 dB	180°±10°	2.0 dB

Input Power	Impedance	Operating Temperature Range	Reel Qty
3 Watts max	50 /100 Ω	-40 to +85°C	4,000

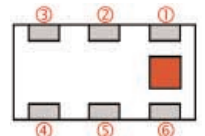
Mechanical Dimensions

	L	W	T	a	b	c	g	p
Inches	0.079 ± .004	0.049 ± .004	0.034 ± .004	0.012 ± .004	0.008 ± .004	0.012 + .004/-0.008	0.014 ± .004	0.026 ± .002
mm	2.0 ± 0.1	1.25 ± 0.1	0.85 ± 0.1	0.30 ± 0.1	0.20 ± 0.1	0.30+0.1/-0.2	0.35 ± 0.1	0.65 ± 0.05



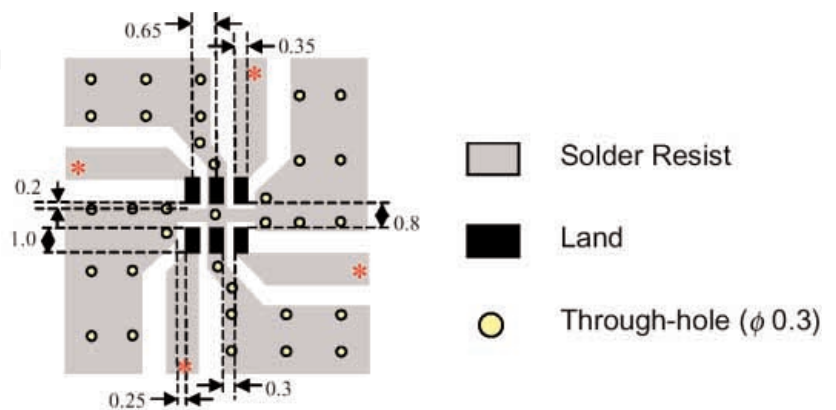
Terminal Configuration

1	Unbalanced Port	4	Balanced Port
2	GND	5	GND
3	Balanced Port	6	NC



Mounting Considerations

Mount these devices with brown colored side facing u
Line width should be designed to provide 50 Ω
impedance matching characteristics.



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”

5.5 GHz Balun

P/N 5512BL15B100

Detail Specification Page 2 of 2

P/N 5512BL15B100 Balun
Typical **Return Loss** & **Insertion Loss**

