



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!



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“High Frequency Ceramic Solutions”

890/1748 MHz Dual Band Directional Coupler

P/N 0898CD15C1748

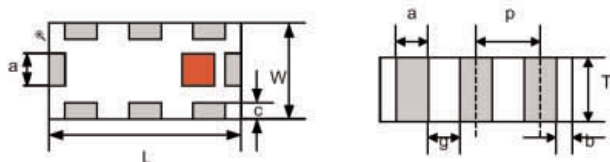
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Part Number	Frequency (MHz)	Insertion Loss	Coupling (dB)	Isolation
0898CD15C1748_	B1) 880 - 915	0.35 dB max	19.2 ± 1.0	B1 In > B2 Out: 35.0 dB min.
	B2) 1710 - 1785	0.45 dB max	14.0 ± 1.5	B1 In > B2 In: 24.0 dB min.
Return Loss				B1 Out > B2 In: 24.0 dB min.
B1 / B2 (IN/OUT) :		10.9 dB min.		B1 In > Term: 24.0 dB min.
Terminated/Coupled Ports:		10.9 dB min.		B2 In > Term: 24.0 dB min.

Input Power	Impedance	Operating Temperature Range	Reel Qty
B1: 3.2 W max B2: 1.5W max	50 Ω	-40 to +85°C	4000

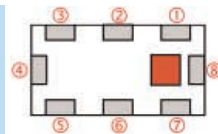
Mechanical Dimensions

	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



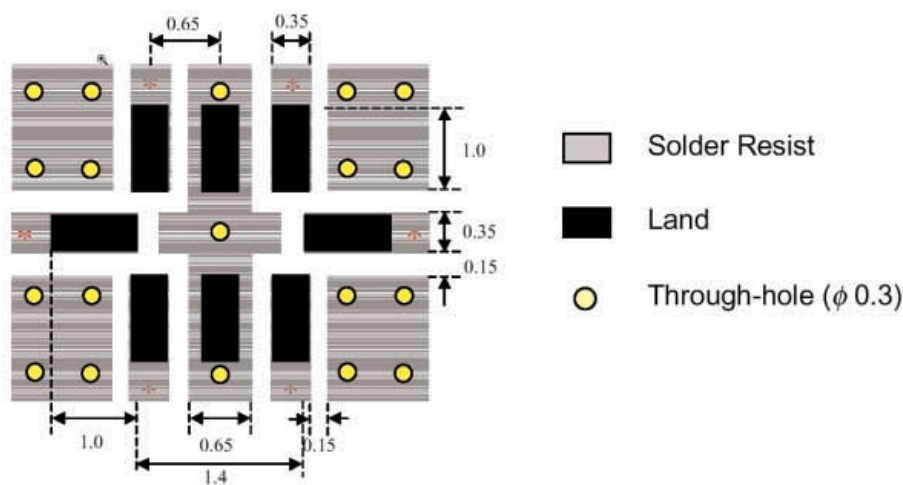
Terminal Configuration

1	Band 1 IN (Port 1)	5	Band 2 OUT (Port 4)
2	GND	6	GND
3	Band 2 IN (Port 3)	7	Band 1 OUT (Port 2)
4	Termination (Port 6)	8	Coupling OUT (Port 5)



Mounting Considerations

Mount these devices with brown colored side facing up. Line width should be designed to provide 50Ω 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.

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