

"High Frequency Ceramic Solutions"

890 MHz Directional Coupler

P/N 0898CP15A035

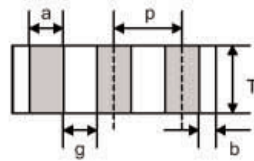
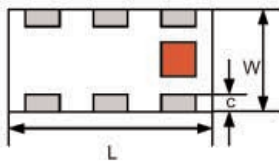
Detail Specification Page 1 of 3

Part Number	Frequency (MHz)	Insertion Loss	Return Loss	Coupling	Isolation
0898CP15A035_	880 - 915	0.5 dB max	14 dB min.	20 ± 1.0 dB	25.0 dB min.

Input Power	Impedance	Operating Temperature Range	Reel Qty
3 Watts max	50 Ω	-40 to +85°C	4000

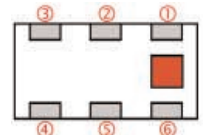
Mechanical Dimensions

	L	W	T	a	b	c	g	p
Inches	$0.079 \pm .004$	$0.049 \pm .004$	$0.034 \pm .004$	$0.012 \pm .004$	$0.008 \pm .004$	$0.012 \pm .004 / -.008$	$0.014 \pm .004$	$0.026 \pm .002$
mm	2.0 ± 0.1	1.25 ± 0.1	0.85 ± 0.1	0.30 ± 0.1	0.20 ± 0.1	$0.30 \pm 0.1 / -0.2$	0.35 ± 0.1	0.65 ± 0.05



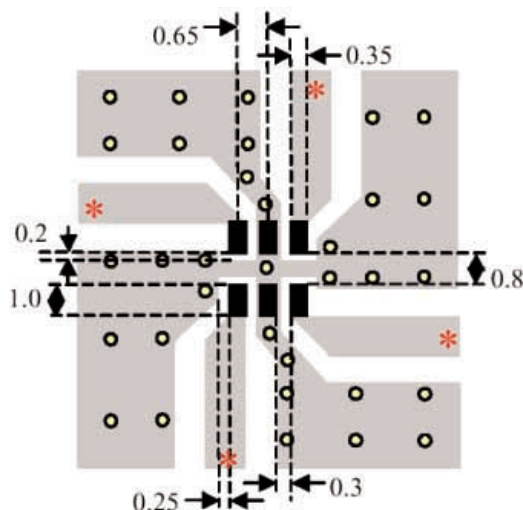
Terminal Configuration

1	IN	4	Termination
2	GND	5	GND
3	Main Out	6	Coupled Out



Mounting Considerations

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



- Solder Resist
- Land
- Through-hole (ϕ 0.3)

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

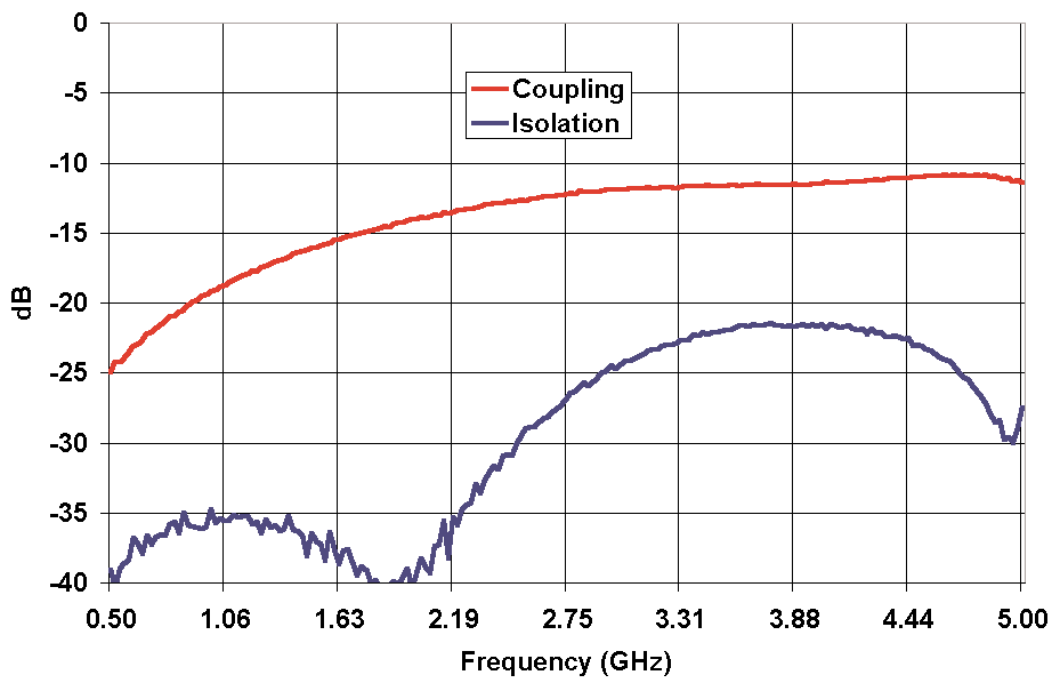
“High Frequency Ceramic Solutions”

890 MHz Directional Coupler

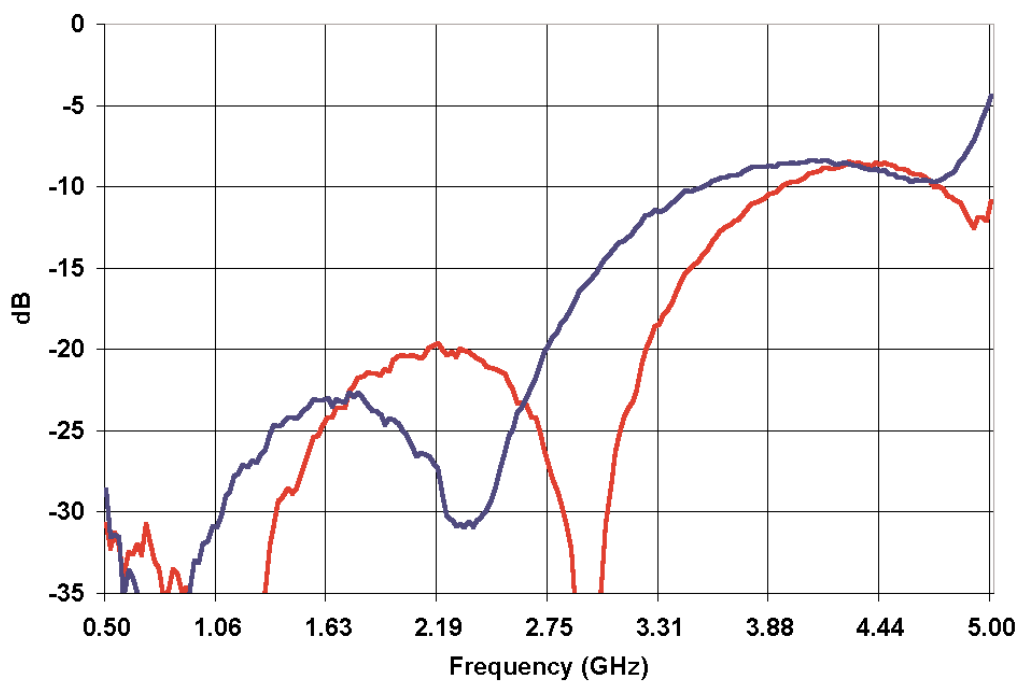
P/N 0898CP15A035

Detail Specification Page 2 of 3

**P/N 0898CP15A035 Coupler
Typical Coupling & Isolation**



**P/N 0898CP15A035 Coupler
Typical Return Loss**



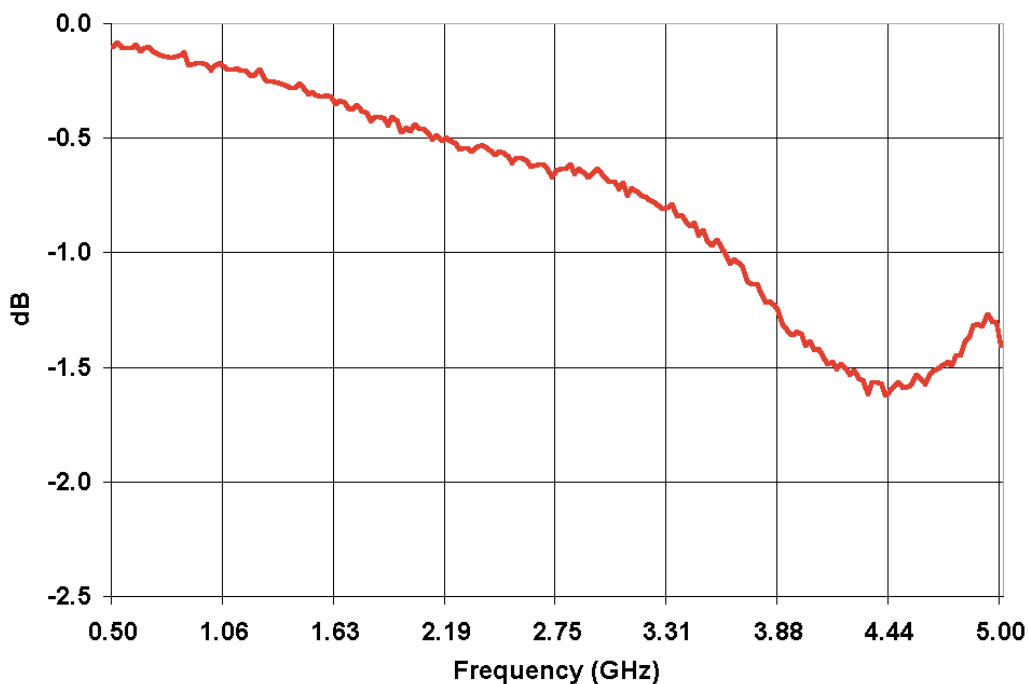
“High Frequency Ceramic Solutions”

890 MHz Directional Coupler

P/N 0898CP15A035

Detail Specification Page 3 of 3

**P/N 0898CP15A035 Coupler
Typical Insertion Loss**



AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com