

"High Frequency Ceramic Solutions"

898 MHz Directional Coupler

Detail Specification 02/19/2003

P/N 0898CP14A035

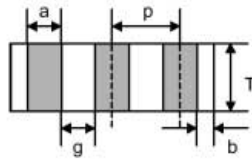
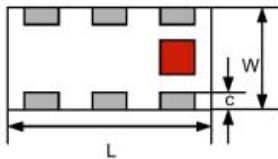
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Part Number	Frequency (MHz)	Insertion Loss	Return Loss	Coupling	Isolation
0898CP14A035_	880 - 915	0.28 dB max	15.6 dB min.	18 ± 1.0 dB	26.0 dB min.

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

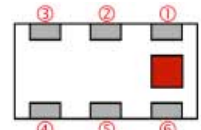
Mechanical Dimensions

	L	W	T	a	b	c	g	p
Inches	$0.063 \pm .004$	$0.032 \pm .004$	$0.024 \pm .004$	$.008 \pm .004$	$0.008 \pm .004 / -.006$	$.006 \pm .004$	$0.012 \pm .004$	$0.020 \pm .002$
mm	1.6 ± 0.1	0.80 ± 0.1	0.60 ± 0.1	0.20 ± 0.1	$0.20 + 0.1 / - 0.15$	0.15 ± 0.1	0.30 ± 0.1	0.50 ± 0.05



Terminal Configuration

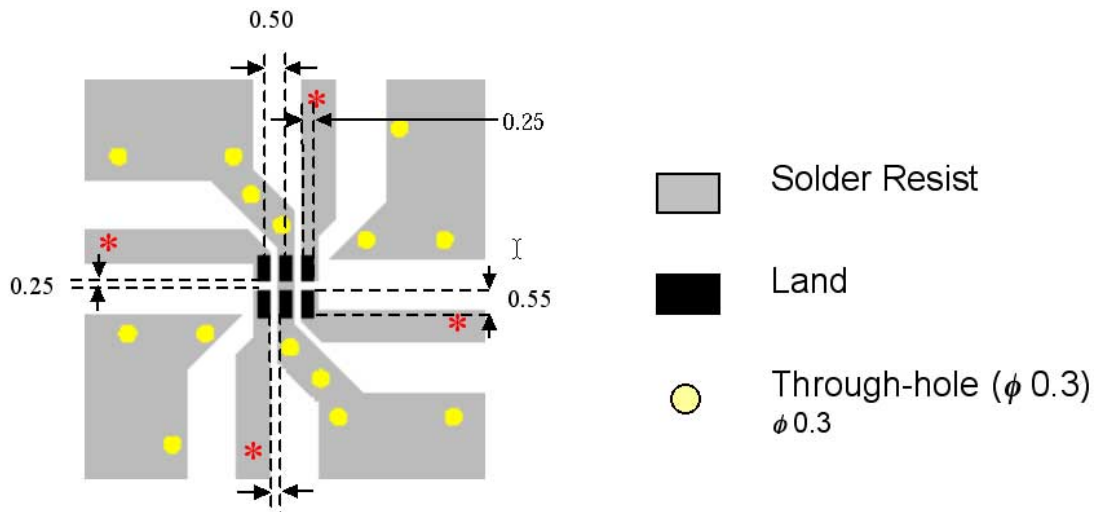
1	IN	4	Termination
2	GND	5	GND
3	Coupled Out	6	Main Out



Mounting Considerations

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

Units: mm



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