1747 MHz Directional Coupler

P/N 1747CP14A075

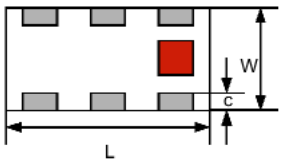
Detail Specification 02/19/2003

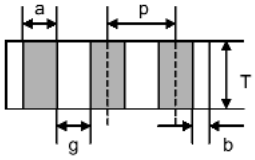
Part Number	Frequency (MHz)	Insertion Loss	Return Loss	Coupling	Isolation
1747CP14A075_	1710 - 1785	0.44 dB max	15.6 dB min.	14.5 ± 1.0 dB	25.0 dB min.

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

Mechanical Dimensions

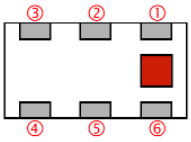
	L	W	T	a	b	c	g	p
Inches	0.063 ± .004	0.032± .004	0.024 ± .004	.008 ± .004	0.008 ± .004/-.006	.006 + ± .004	0.012 ± .004	0.020 ±.002
mm	1.6 ± 0.1	0.80 ± 0.1	0.60 ± 0.1	0.20 ± 0.1	0.20+0.1/-0.15	0.15 ± 0.1	0.30 ± 0.1	0.50 ± 0.05





Terminal Configuration

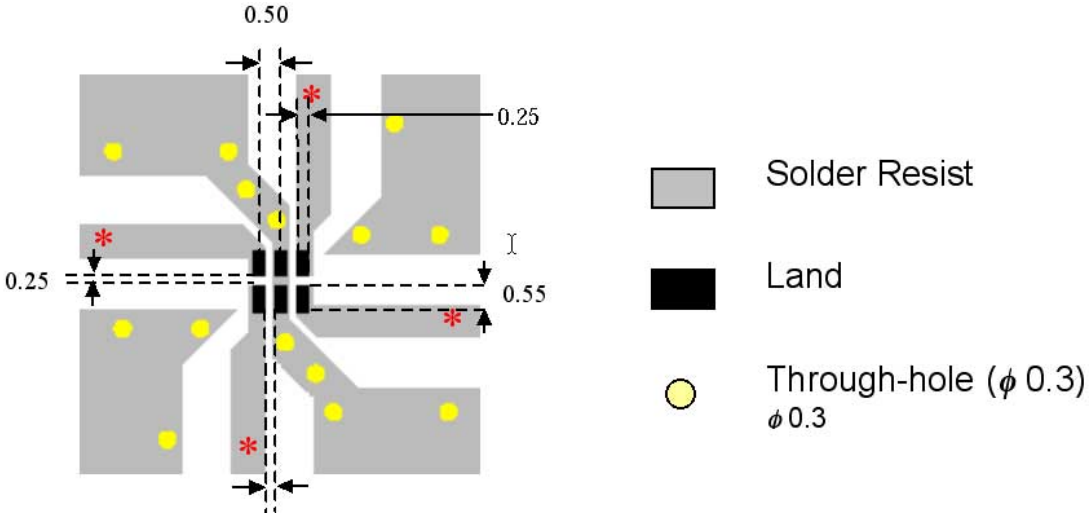
1	IN	4	Termination
2	GND	5	GND
3	Coupled Out	6	Main Out



Mounting Considerations

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

Units: mm



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