



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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# Omega C48 Series

## Cylindrical Plug & Receptacle Connectors

### The Cinch Advantage

The C48 (Omega) Series is a family of connectors qualified to MIL-C-26500. While maintaining the MIL-C-26500 mating interface, this product has also been expanded to include qualifications to numerous Boeing specifications to satisfy general purpose requirements and unique product challenges for shielding, environmental sealing, fluid resistance, and vibration. The expanded Cinch C48 product family offers numerous product options qualified to Boeing high performance requirements and product solutions developed for alternate termination styles/low-profile packaging.



### Key Features

- Full performance in extreme environments
- Wide variety of configurations

### Qualifications

- Mil-C-26500; USAF Specification
- BACC45; Boeing General Purpose Connector
- BACC63; Boeing High Performance Connector



### Certified Quality Management System

- ISO9001
- AS9100
- Certificate of Compliance
- BQMS D6-82479 Approved



### C48 Omega Product Parameters

Military Designation	MS24264 Square Flange Receptacle, MS24265 Single-Hole Mounting Receptacle, MS24266 Straight Plug
Boeing Designation	BACC45FS, BACC45FT, BACC45FM, BACC45FN, BACC63CB, BACC63CC, BACC63BP, BACC63BV, BACC63B
Shell Size	8, 10, 12,14,16, 18, 20, 22, 24, 28
Contact Style	Pin or Socket
Coupling Style	Bayonet or Threaded



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# Parts and Configurations

Shell Size 8		Shell Size 10			Shell Size 12	
2#20 contacts Insert 8-2(Y)	3#20 contacts Insert 8-3(Y)	2#20 contacts Insert 10-2(Y)	2#16 contacts Insert 10-20	5#20 contacts Insert 10-5(Y)	3#16 contacts Insert 12-3	12#20 contacts Insert 12-12(Y)
Shell Size 14					Shell Size 16	
2#16 contacts 1#2 shielded contact Insert 14-3	4#12 contacts Insert 14-4†	7#16 contacts Insert 14-7	9#20 contacts 3#16 contact Insert 14-12(Y)	15#20 contacts Insert 14-15(Y)	10#16 contacts Insert 16-10	24#20 contacts Insert 16-24(Y)
Shell Size 18						
8#12 contacts Insert 18-8†	10#16 contacts 1#2 shielded contact Insert 18-11	14#16 contacts Insert 18-14	31#20 contacts Insert 18-31(Y)			
Shell Size 20						
16#16 contacts Insert 20-16	19#20 contacts 6#12 contacts Insert 20-25†(Y)	24#20 contacts 4#12 contacts Insert 20-28†(Y)	37#20 contacts 2#16 contacts Insert 20-39†(Y)	41#20 contacts Insert 20-41(Y)		
Shell Size 22						
12#12 contacts Insert 22-12†	19#16 contacts Insert 22-19	26#20 contacts 6#12 contacts Insert 22-32†(Y)	55#20 contacts Insert 22-55(Y)	27#20 contacts 12#16 contacts Insert 22-39(Y)		
Shell Size 24				Shell Size 28		
23#20 contacts 20#16 contacts Insert 24-43(Y)	2#12 contacts 55#20 contacts Insert 24-57†(Y)	61#20 contacts Insert 24-61(Y)	29#16 contacts Insert 24-29	30#16 contacts Insert 24-30	42#16 contacts Insert 28-42	



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