

molex Circular Industrial™ Connectors
Spirit™
Front Shell Assembly
Receptacle Assembly

84750

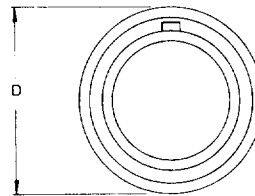
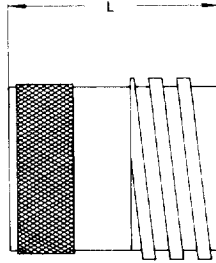
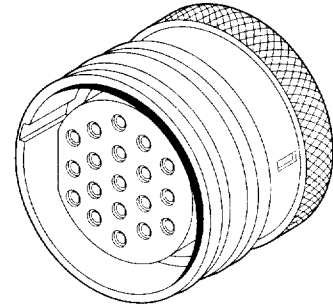
FEATURES

- ACME coupling ensures easy mating
- The modular design provides flexibility to use various insulator keying options and panel mounting
- Double shrouding seals and hard plastic, chemically resistant insulator make this a robust assembly

Spirit front shell assemblies are designed to accept all inserts of the appropriate shell size. Shell material is 6061-T6 machined aluminum dark hardcoated with teflon sealcoat for maximum corrosion protection with built-in thread lubrication.

ACME coupling threads fully mate and unmate in less than 2-1/2 turns.

In field insert keying is achieved by alignment of a molded key letter on the rear of the insert with an indicator on the rear of the shell during assembly. Eight alternate keying positions are provided.



ORDERING INFORMATION AND DIMENSIONS

Max. No. of Circuits	Order No.		Wire Range AWG	Shell Size	Terminal Finish	Voltage Rating
	With Pin Insert	With Socket Insert				
5	84750-0033	84750-0073	14-18	17	Tin	600
5	84750-0013	84750-0053	16-20	17	Tin	600
8	84750-0113	84750-0153	14-18	17	Tin	250
8	84750-0093	84750-0133	16-20	17	Tin	250
11	84750-0193	84750-0233	18-22	17	Tin	250
11	84750-0183	84750-0223	20-24	17	Gold	250
(4) 12 (5) (3)	84750-3173	84750-3193	8-10 12-16 16-20	30	Tin	600
(4) 12* (5) (3)	84750-3253	84750-3263	8-10 10-16 14-20	30	Tin	600
19	84750-3033	84750-3073	14-18	30	Tin	600
19	84750-3013	84750-3053	16-20	30	Tin	600

Max. No. of Circuits	Order No.		Wire Range AWG	Shell Size	Terminal Finish	Voltage Rating
	With Pin Insert	With Socket Insert				
35 (33) (2)	84750-3113	84750-3153	18-22 16-20	30	Tin	250
35 (33) (2)	84750-3103	84750-3143	20-24 16-20	30	Gold	250
20	84750-6033	84750-6073	10-14	36	Tin	600
20	84750-6013	84750-6053	12-16	36	Tin	600
37	84750-6113	84750-6153	14-18	36	Tin	600
37	84750-6093	84750-6133	16-20	36	Tin	600
50	84750-6193	84750-6233	18-22	36	Tin	250
50	84750-6183	84750-6223	20-24	36	Gold	250

Shell Size	Dimension	
	L	D
17	34.92 (1.375)	30.14 (1.187)
30	34.92 (1.375)	44.45 (1.750)
36	34.92 (1.375)	50.80 (2.000)

* Indicates assembly without terminals

Unless otherwise indicated, assemblies include prepackaged front shell, insert, terminals and instruction sheet. Terminal package includes 10% spares. All front shells require a back shell to complete the connector half.