

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

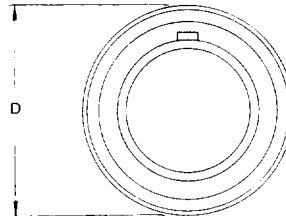
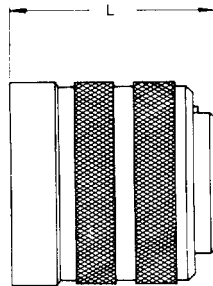
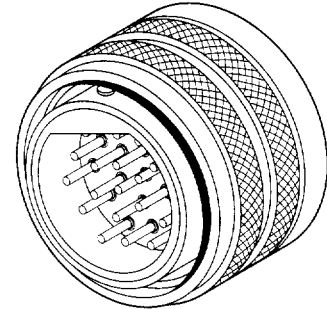
Spirit front shell assemblies are designed to accept all inserts of the appropriate shell size. Shell material is 6061-T6 machined aluminum dark hardcoated with teflon sealcoat for maximum corrosion protection with built-in thread lubrication.

ACME coupling threads fully mate and unmate in less than 2-1/2 turns. Spring loaded coupling nut resists vibration.

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.

Assemblies are rugged throughout with coarse mating threads and have plug key protection by heavy wall sections. Double shrouding by the insert and shell walls provide added protection. Coupling nut is spring suspended to resist impact shock.

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



ORDERING INFORMATION AND DIMENSIONS

Industrial Products

Max. No. of Circuits	Order No.		Wire Range AWG	Shell Size	Terminal Finish	Voltage Rating
	With Pin Insert	With Socket Insert				
5	17201M03	17203M03	14-18	17	Tin	600
5	17101M03	17103M03	16-20	17	Tin	600
8	17205M03	17207M03	14-18	17	Tin	250
8	17105M03	17107M03	16-20	17	Tin	250
11	17309M03	17311M03	18-22	17	Tin	250
11	17109M03	17111M03	20-24	17	Gold	250
(4) 12 (5) (3)	30151M03	30153M03	8-10 12-16 16-20	30	Tin	600
(4) 12* (5) (3)	30951M03	30953M03	8-10 10-16 14-20	30	Tin	600
19	30201M03	30203M03	14-18	30	Tin	600
19	30101M03	30103M03	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)	30309M03	30311M03	18-22 16-20	30	Tin	250
35 (33) (2)	30109M03	30111M03	20-24 16-20	30	Gold	250
20	36205M03	36207M03	10-14	36	Tin	600
20	36105M03	36107M03	12-16	36	Tin	600
37	36201M03	36203M03	14-18	36	Tin	600
37	36101M03	36103M03	16-20	36	Tin	600
50	36309M03	36311M03	18-22	36	Tin	250
50	36109M03	36111M03	20-24	36	Gold	250

Shell Size	Dimension	
	L	D
17	32.38 (1.275)	33.32 (1.312)
30	32.38 (1.275)	50.16 (1.975)
36	32.38 (1.275)	57.15 (2.250)

* 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.