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

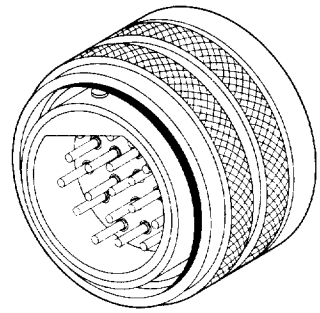
Spirit front shell assemblies are designed to accept all inserts of the appropriate shell size. Shell material is 6061-T6 machined aluminum dark hardcoated with teflon sealcoat for maximum corrosion protection with built-in thread lubrication.

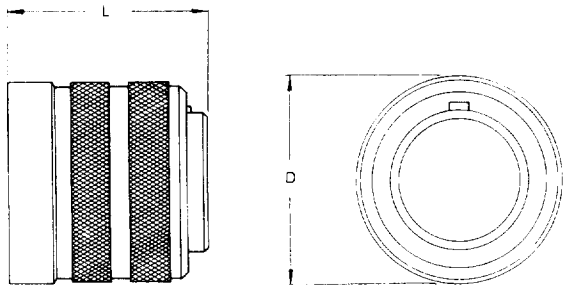
ACME coupling threads fully mate and unmate in less than 2-1/2 turns. Spring loaded coupling nut resists vibration.

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.

Circular Industrial™ Connectors
Spirit™
Front Shell Assembly
Plug Assembly
84750





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	84750-1033	84750-1073	14-18	17	Tin	600
5	84750-1013	84750-1053	16-20	17	Tin	600
8	84750-1113	84750-1153	14-18	17	Tin	250
8	84750-1093	84750-1133	16-20	17	Tin	250
11	84750-1193	84750-1233	18-22	17	Tin	250
11	84750-1183	84750-1223	20-24	17	Gold	250
(4) 12 (5) (3)	84750-4173	84750-4193	8-10 12-16 16-20	30	Tin	600
(4) 12* (5) (3)	84750-4253	84750-4263	8-10 10-16 14-20	30	Tin	600
19	84750-4033	84750-4073	14-18	30	Tin	600
19	84750-4013	84750-4053	16-20	30	Tin	600
35 (33) (2)	84750-4113	84750-4153	18-22 16-20	30	Tin	250
35 (33) (2)	84750-4103	84750-4143	20-24 16-20	30	Gold	250
20	84750-7033	84750-7073	10-14	36	Tin	600
20	84750-7013	84750-7053	12-16	36	Tin	600
37	84750-7113	84750-7153	14-18	36	Tin	600
37	84750-7093	84750-7133	16-20	36	Tin	600
50	84750-7193	84750-7233	18-22	36	Tin	250
50	84750-7183	84750-7223	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.