

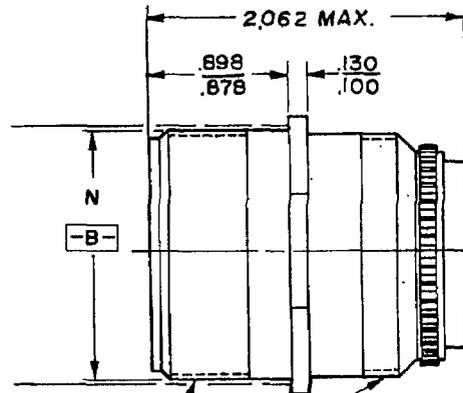
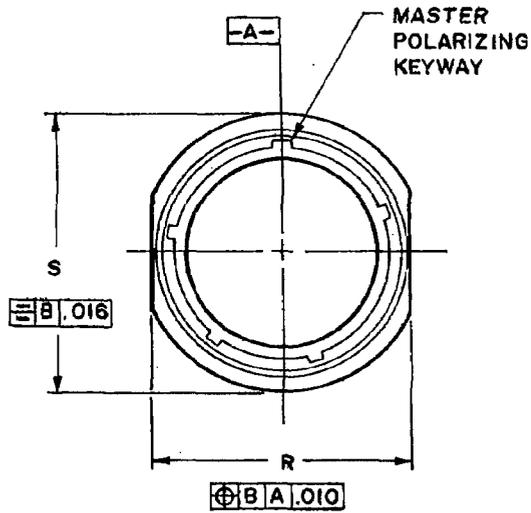
MIL-C-28840/11A(EC)
 26 May 1981
 SUPERSEDING
 MIL-C-28840/11(EC)
 1 May 1978

MILITARY SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CIRCULAR, SCREW THREADS,
 HIGH DENSITY, HIGH SHOCK, SHIPBOARD; CRIMP CONTACTS.
 RECEPTACLE, CABLE CONNECTING, CLASSES D AND DS.

This specification sheet is approved for use by the Naval Electronic Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

The complete requirements for procuring the accessories described herein shall consist of this document and the latest issue of specification MIL-C-28840.



FOR DETAILS OF CONNECTOR
 FRONT AND REAR END
 CONFIGURATION, SEE
 MIL-C-28840

INCHES	MM
.010	0.25
.016	0.41
.100	2.54
.130	3.30
.878	22.30
.898	22.81
2.062	52.37

(A)
TABLE I. Dimensions and configuration

DESIGNATOR 1/	H DIA. MAX.	R	S	FOR INSERT ARRANGEMENT MIL-STD-1698
A (11)	.750 (19.05)	.768 (19.51) .758 (19.25)	.963 (24.46) .943 (23.95)	Section 90
B (13)	.875 (22.22)	.893 (22.68) .883 (22.43)	1.098 (27.63) 1.063 (27.13)	Section 10
C (15)	1.062 (26.97)	1.080 (27.43) 1.070 (27.18)	1.275 (32.38) 1.255 (31.88)	Section 20
D (17)	1.125 (28.58)	1.143 (29.03) 1.133 (28.78)	1.338 (33.98) 1.318 (33.48)	Section 30
E (19)	1.312 (33.32)	1.330 (33.78) 1.320 (33.53)	1.525 (38.74) 1.505 (38.23)	Section 40
F (23)	1.500 (38.10)	1.518 (38.56) 1.508 (38.30)	1.713 (43.51) 1.693 (43.00)	Section 50
G (25)	1.625 (41.28)	1.643 (41.73) 1.633 (41.48)	1.838 (46.69) 1.818 (46.18)	Section 60
H (29)	1.812 (46.02)	1.833 (46.08) 1.883 (47.83)	2.088 (53.04) 2.068 (52.53)	Section 70
J (33)	2.000 (50.80)	2.080 (52.83) 2.070 (52.53)	2.275 (57.78) 2.255 (57.28)	Section 80

NOTES

1. Shell sizes are provided within parentheses for information and are not a part of the designator.
2. Dimensions are in inches.
3. Metric equivalents (to the Nearest .01 mm) are given for general information only and are based upon 1.0 inch equals 25.4 mm.
4. Dimensions apply after plating.
5. Designator of backshell size within each shell size.

REQUIREMENTS:

Dimensions and configuration: See figure 1 and table I.

Classes: D and DS

Insert Arrangement: See the section of MIL-STD-1698 corresponding to desired shell.

Contacts: Style P or S crimp type.

Shell polarization: 1 thru 6, key position

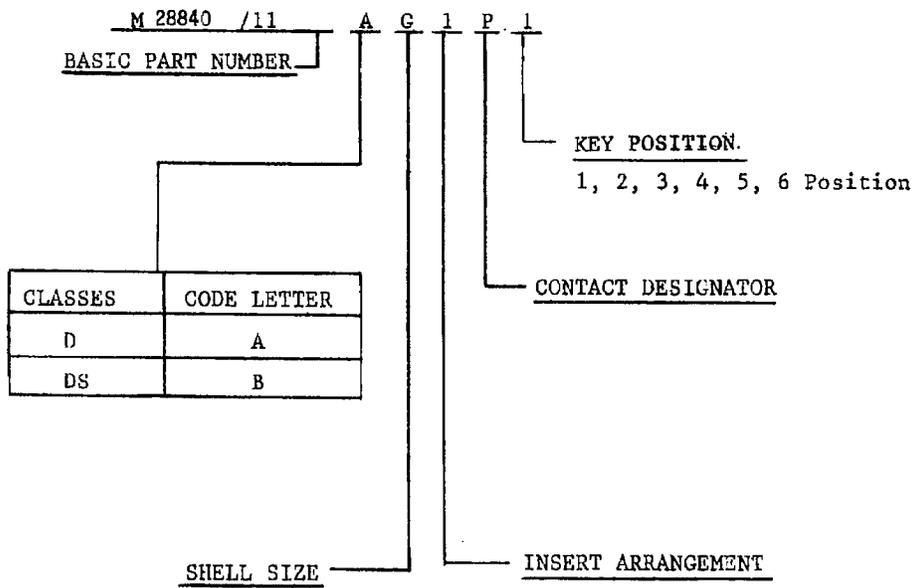
Marking: Part number on shell.

Mating counterpart: Plug connector specified in MIL-C-28840 /16,17,18,19,26
28, and 29

Installation and removal tool: As specified in MIL-I-81969/33 and /34.

Ⓐ A backshell shall be used to meet moisture and water pressure requirements.

EXAMPLE OF PART NUMBER M28840/11 A G 1 P 1



Preparing activity:
Navy - EC
(Project 5935-N174-10)