

MILITARY SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CIRCULAR, SCREW THREADS
 HIGH DENSITY, HIGH SHOCK, SHIPBOARD CRIMP CONTACTS
 RECEPTACLE, WALL MOUNTING 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

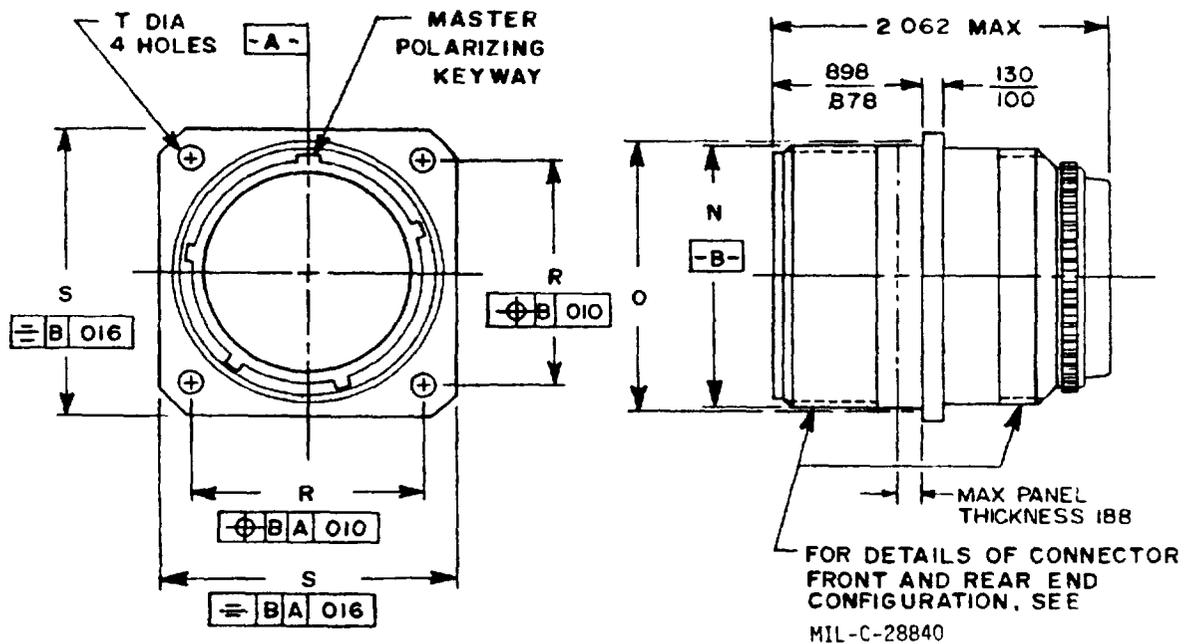


FIGURE 1 Dimensions and configuration

(B) Denotes change

(B) TABLE I Dimensions and configuration

DESIGNATOR	W DIA IN	REF MTG HOLE	W T P E DIA IN	S	T	FOR IDENTIFY ARRANGEMENT MIL-STD-169B
A (1)	1 1/2 (1 00)	812 (20 62)	750 (19 05)	1 043 (26 49) 1 033 (25 48)	130 (3 30) 115 (2 92)	Section 90
B (13)	8/5 (22 22)	737 (23 80)	643 (21 41)	1 158 (29 42) 1 118 (28 40)	130 (3 30) 115 (2 92)	Section 20
C (1)	1 05/2 (26 37)	1 124 (28 51)	960 (24 59)	1 278 (32 46) 1 238 (31 45)	130 (3 30) 115 (2 92)	Section 21
D (1)	1 12 (28 58)	1 187 (30 15)	1 015 (25 78)	1 403 (35 64) 1 363 (34 62)	130 (3 30) 115 (2 92)	Section 30
E (10)	1 312 (3 37)	1 374 (34 90)	1 140 (28 96)	1 528 (38 81) 1 488 (37 80)	130 (3 30) 115 (2 92)	Section 40
F (15)	1 507 (37 10)	1 562 (39 67)	1 281 (32 54)	1 738 (44 15) 1 698 (43 13)	130 (3 30) 115 (2 92)	Section 50
G (2)	1 6 (4 1 28)	1 687 (42 85)	1 392 (35 36)	1 838 (46 69) 1 798 (45 67)	157 (3 99) 142 (3 61)	Section 60
H (20)	1 8.2 (4 5 0)	1 874 (47 60)	1 568 (39 83)	2 158 (54 81) 2 118 (53 80)	157 (3 99) 142 (3 61)	Section 70
I (25)	2 0 (5 0 80)	2 062 (52 37)	1 734 (44 04)	2 348 (59 64) 2 308 (58 62)	183 (4 67) 168 (4 27)	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 Arrangements See the section of MIL-STB-1698 corresponding to desired shell size.

Contacts Style P or S crimp type

Shell polarization 1 thru 6, key position

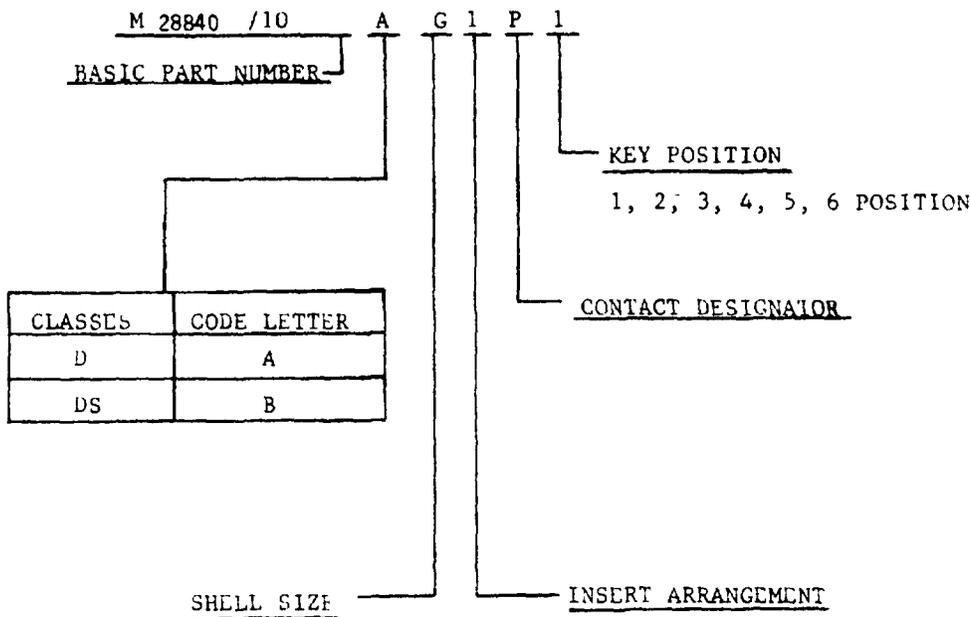
Marking Part number on shell.

Mating counterpart: Plug connectors specified in MIL-C- 28840 /16,17,18,19,26 28 & 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 /10 A G 1 P 1



Prepared by
Navy - Ft
(Project 5935-N174-9)

Review activities
Navy - SH

User activities
Navy - DS

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

OMB Approval
No 22 R255

INSTRUCTIONS The purpose of this form is to solicit beneficial comments which will help achieve procurement of suitable products at reasonable cost and minimum delay, or will otherwise enhance use of the document. DoD contractors, government activities, or manufacturers/vendors who are prospective suppliers of the product are invited to submit comments to the government. Fold on lines on reverse side, staple in corner, and send to preparing activity. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements. Attach any pertinent data which may be of use in improving this document. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity.

DOCUMENT IDENTIFIER AND TITLE

MIL-C-28840/10B

NAME OF ORGANIZATION AND ADDRESS

CONTRACT NUMBER

MATERIAL PROCURED UNDER A

DIRECT GOVERNMENT CONTRACT SUBCONTRACT

1 HAS ANY PART OF THE DOCUMENT CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?

A GIVE PARAGRAPH NUMBER AND WORDING

B RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES

2 COMMENTS ON ANY DOCUMENT REQUIREMENT CONSIDERED TOO RIGID

3 IS THE DOCUMENT RESTRICTIVE?

YES NO (If "Yes", in what way?)

4 REMARKS

SUBMITTED BY (Printed or typed name and address - Optional)

TELEPHONE NO

DATE

DD FORM 1426
1 JAN 72

REPLACES EDITION OF 1 JAN 66 WHICH MAY BE USED

S/N 0102-014-100

OLD

DEPARTMENT OF THE NAVY

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO 12503 WASHINGTON D C

POSTAGE WILL BE PAID BY THE DEPARTMENT OF THE NAVY



Commander
Naval Electronic Systems Command
Defense Standardization Program Branch
Department Of The Navy
Washington, D.C. 20360

OLD