

INCH-POUND

MIL-DTL-28840/23B
20 April 2004
SUPERSEDING
MIL-C-28840/23A(EC)
26 May 1981

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CIRCULAR, THREADED, HIGH SHOCK,
HIGH DENSITY, SHIPBOARD, BACKSHELL, GLAND NUT, WIRING

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-28840.

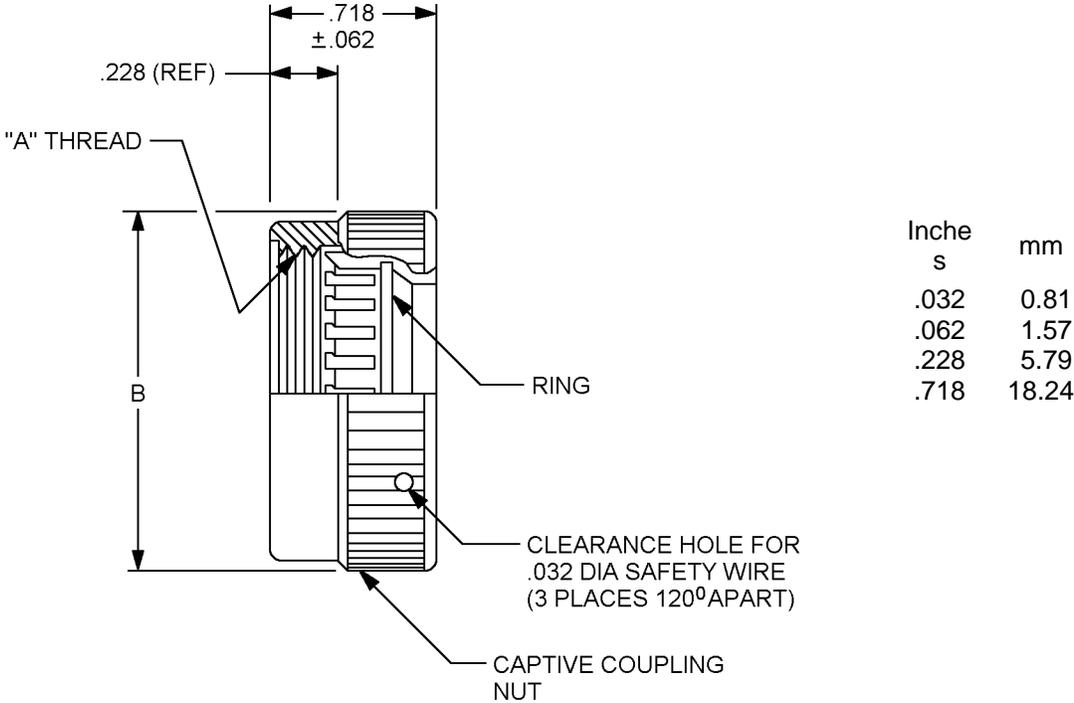


FIGURE 1. Dimensions and configurations.

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Designator (see note 1)	A thread class 2B	B max dia
A (11)	.750-20 UNFF	1.028 (26.11)
B (13)	.875-20 UNEF	1.14 (26.11)
C (15)	1.000-20 UNEF	2.263 (32.08)
D (17)	1.125-18 UNEF	1.387 (35.23)
E (19)	1.250-18 UNEF	1.513 (38.43)
F (23)	1.438-18 UNEF	1.703 (43.51)
G (25)	1.562-18 UNEF	1.825 (46.35)
H (29)	1.876-16 UN	2.143 (54.43)
J (33)	2.062-16 UNS	2.329 (59.16)

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 are given for general information only.
4. Dimensions apply after plating.
5. These gland nuts are used with MIL-DTL-28840/10, /11, /14 and /16.

FIGURE 1. Dimensions and configurations - Continued.

REQUIREMENTS

Dimensions and configurations: See figure 1.
Interface dimensions shall conform to MIL-DTL-28840.

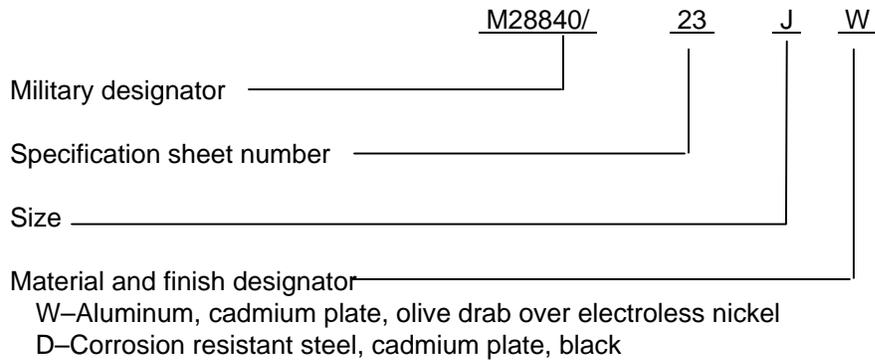
Material: Shall be aluminum alloy in accordance with SAE-AMS-QQ-A-225, ASTM B85, ASTM B108, or ASTM B26/B26M.

Corrosion resistant steel shall be in accordance with SAE-AMS-QQ-S-763, class 316.

Finish: Aluminum components shall be cadmium plate, olive drab over electroless nickel.
Corrosion resistant steel components shall be cadmium plate, black. The screws and washers shall be passivate in accordance with SAE-AMS-QQ-P-35.

Marking: Backshell shall be identified with the manufacturer's name or trademark and the Part or Identifying Number (PIN).

PIN example:



Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Reference documents. In addition to MIL-DTL-28840, this document references the following:

- | | |
|------------------|------------------|
| ASTM B26/B26M | SAE-AMS-QQ-S-763 |
| ASTM B85 | MIL-DTL-28840/10 |
| ASTM B108 | MIL-DTL-28840/11 |
| SAE-AMS-QQ-A-225 | MIL-DTL-28840/14 |
| SAE-AMS-QQ-P-35 | MIL-DTL-28840/16 |

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CONCLUDING MATERIAL

Custodians:
Navy - EC
DLA - CC

Preparing activity:
DLA - CC

(Project 5935-4416-012)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online data at <http://www.dodssp.daps.mil>.