

INCH-POUND

MS17350F
12 March 2013
SUPERSEDING
MS17350E
07 March 2007

DETAIL SPECIFICATION SHEET

COVER, PROTECTIVE, ELECTRICAL CONNECTOR, PLUG

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-22992.

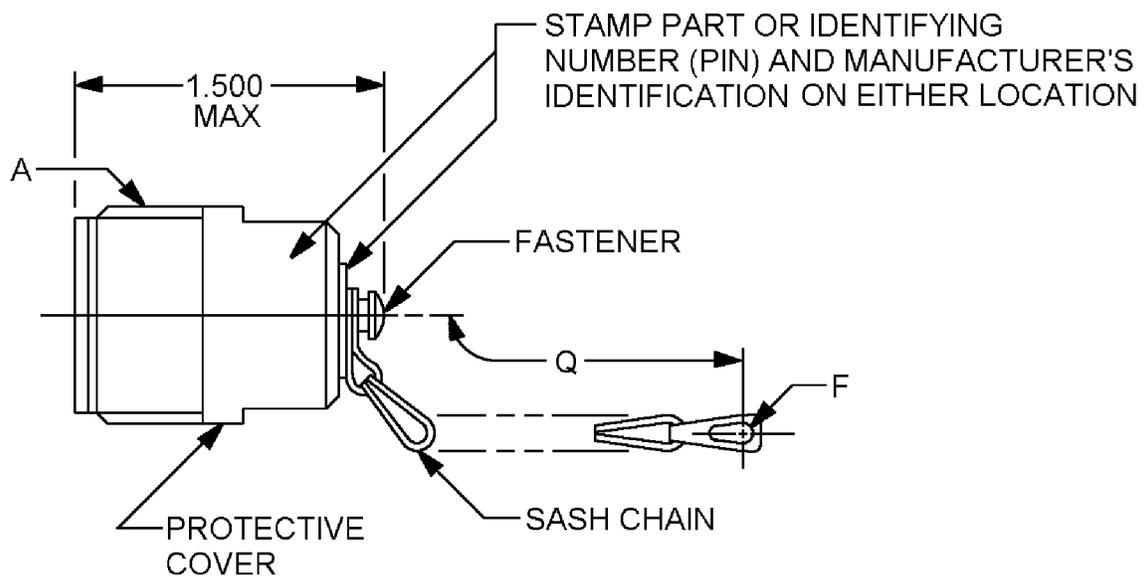


FIGURE 1. Dimensions and configuration.

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Shell size	A Thread class 2A	Q (approx.)	F clearance (see note 4)
12	0.8750-0.1P-0.2L-DS	5.00	6
14	1.0000-0.1P-0.2L-DS		
16	1.1250-0.1P-0.2L-DS		
18	1.2500-0.1P-0.2L-DS		
20	1.3750-0.1P-0.2L-DS		
22	1.5000-0.1P-0.2L-DS	6.00	8
24	1.7500-0.1P-0.2L-DS		
28	2.0000-0.1P-0.2L-DS		
32	2.2500-0.1P-0.2L-DS		
36	2.5000-0.1P-0.2L-DS		
40	2.7500-0.1P-0.2L-DS		
44	3.0000-0.1P-0.2L-DS		

NOTES:

1. All dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are $\pm .016$ inch (0.41 mm).
4. F clearance to accommodate screw size indicated.
5. All dimensions apply after plating.

Inches	mm	Inches	mm
.8750	22.225	2.0000	50.800
1.0000	25.400	2.2500	57.150
1.1250	28.575	2.5000	63.500
1.2500	31.750	2.7500	69.850
1.3750	34.925	3.0000	76.200
1.5000	38.100	5.00	127.00
1.500	38.10	6.00	152.40
1.7500	44.45		

FIGURE 1. Dimensions and configuration - Continued.

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REQUIREMENTS:

Design and construction: See figure 1.

Chain shall be passivated stainless steel in accordance with type II, class 3, trade number 8, as specified in RR-C-271. Chain shall be within one link of length specified.

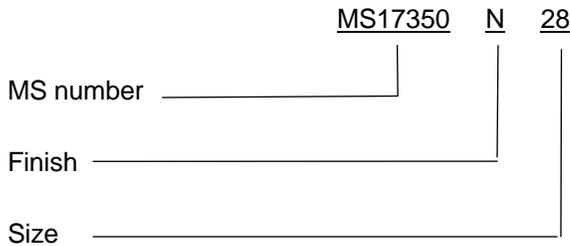
Cover mates with MS17344.

Cover finish shall be in accordance with MIL-DTL-22992.

Chain shall move freely on protective cap after assembly.

Full part number marking shall be in accordance with MIL-DTL-22992, and shall include the "JAN brand" (JAN or J) certification marking.

Part or Identifying Number (PIN) example:



Qualification:

- Visual and mechanical examination.
- Magnetic permeability.
- Water immersion (with protective cover).
- Salt spray (corrosion).
- Tensile.
- Air leakage.

Group A sampling plan: Lot and sample sizes shall be as specified in table I. Samples shall be randomly selected from the lot. If one or more defects are found, the lot shall be rescreened and defects removed. A new sample as specified in table I shall then be randomly selected. If one or more defects are found in the second sample lot, the lot shall not be supplied to this specification.

TABLE I. Group A sampling plan.

Lot size	Sampling size
1 to 13	100 percent
14 to 150	13 units
151 to 280	20 units
281 to 500	29 units
501 to 1,200	34 units
1,201 to 3,200	42 units

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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.

Referenced documents. In addition to MIL-DTL-22992, this document references the following:

MS17344
RR-C-271

CONCLUDING MATERIAL

Custodians:

Army – CR
Navy – EC
Air Force – 85
DLA – CC

Preparing activity:

DLA – CC

Review activities:

Army – AR, CR4, MI
Navy – AS, CG, MC, OS
Air Force – 19

(Project 5935–2012–186)

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 database at <https://assist.dla.mil>.