

INCH-POUND

MIL-DTL-55074/2B
12 August 2003
SUPERSEDING
MIL-C-55074/2A(EL)
6 September 1977

DETAIL SPECIFICATION SHEET

CONNECTOR, RECEPTACLE, TELEPHONE, ELECTRICAL

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 and MIL-C-55074.

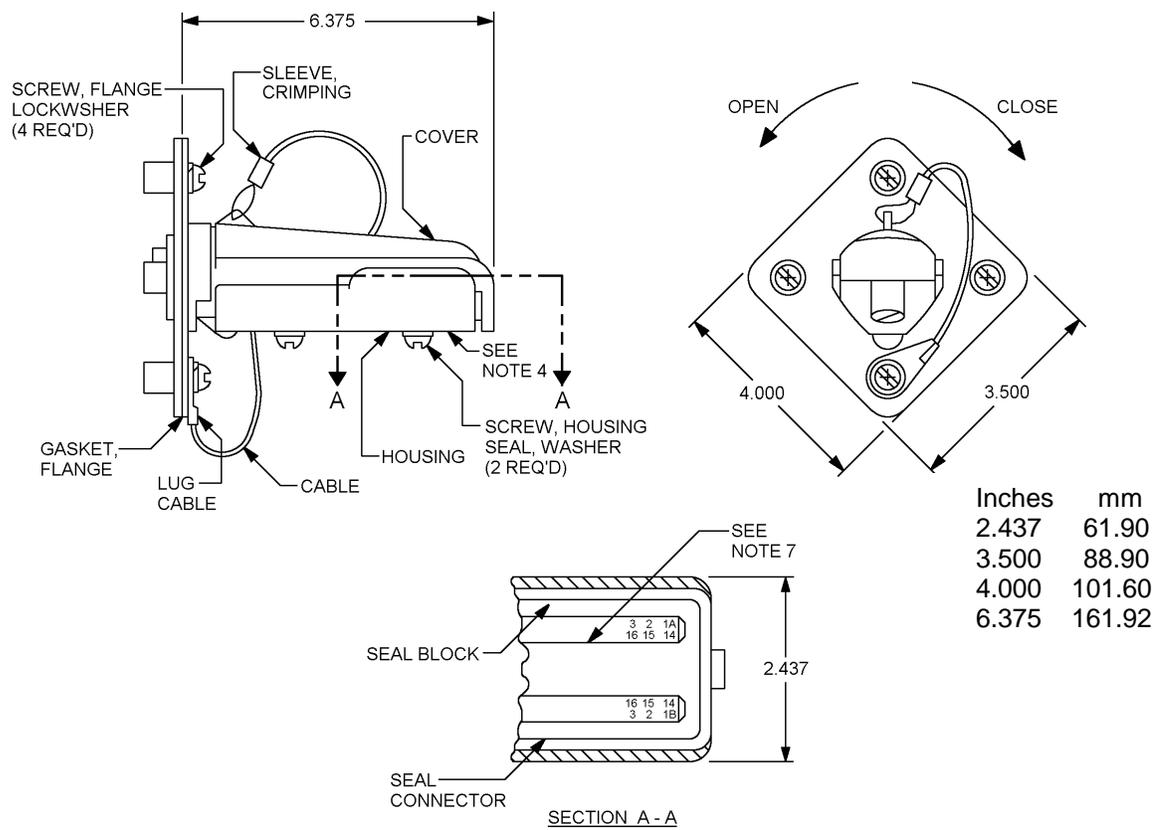
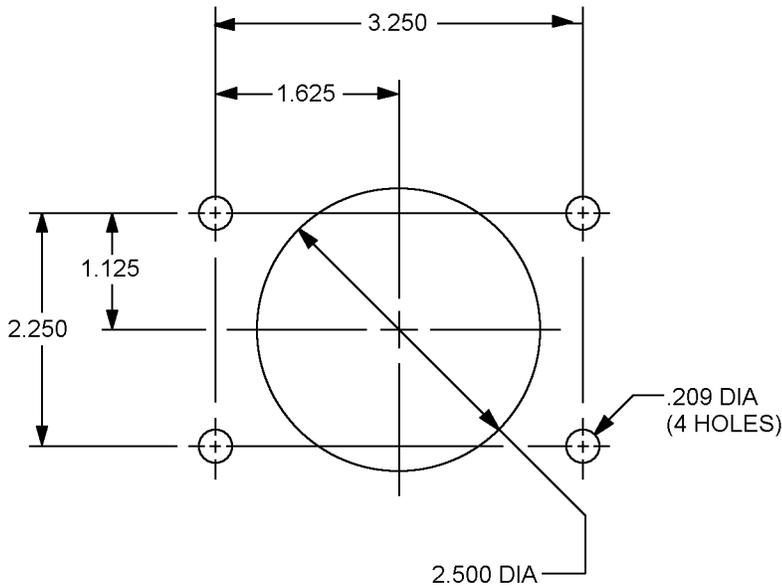


FIGURE 1. Connector receptacle.

MIL-DTL-55074/2B



CONNECTOR MOUNTING HOLE PATTERN

Inches	mm
.209	5.31
1.125	28.58
1.625	41.28
2.250	57.15
2.500	63.50
3.250	82.55

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is $\pm .015$ inch (.38 mm).
4. Marking to appear in area shown. Marking to consist of manufacturer's name or CAGE code, CONN. RECP. ELEC., U-186C/G (M55074/2), molded in characters approximately .187 inch (4.75mm) high.
5. This connector mates with MIL-DTL-55074/1 (U-185B/G).
6. Turning connector to left unlocks cover for mating; turning to right locks cover. (See applicable end view, page 1).
7. See MIL-DTL-55074/4 for contact assembly specifications.
8. M55074/2 represents U-186C/G where applicable in MIL-C-55074.
9. Connector shall be manufactured in accordance with drawing number SC-DL-349780.
10. Connector must conform to the interchangeability requirements of gage number SC-GL-323023.

FIGURE 1. Connector receptacle – Continued.

MIL-DTL-55074/2B

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Material:

Housing – Aluminum, commercial alloy 380 in accordance with SAE-AMS-QQ-A-591, finish in accordance with MIL-F-14072.

Cover – Aluminum, commercial alloy 380 in accordance with SAE-AMS-QQ-A-591, finish in accordance with MIL-F-14072.

Seal, block – Low temperature neoprene, M3BA507F19 in accordance with ASTM D2000, or equivalent.

Seal, connector – Silicone rubber, class 2B, grade 40, in accordance with A-A-59588.

Seal, washer – Stat-O-seal, aluminum 7375-T6 (anodized) in accordance with SAE-AMS-QQ-A-250/12, rubber in accordance with MIL-R-6855, class 1, 2 or 3.

Cable – 7 wires (.010) stranded to .032 diameter in accordance with ASTM A580/A 580M. (9 inch cut length).

Screw, housing – MS51957-30, #6-32 x .500 lg pan head, slotted.

Screw, flange – Pan head, slotted, #10-32NF-2A x .500 lg.

Lockwasher – MS35338-138 or MS35338-157 in accordance with NASM35338.

Sleeve, crimping – Copper, zinc plated.

Gasket, flange – Neoprene.

Lug, cable – Copper, cadmium plated.

Part or Identifying Number (PIN): M55074/2-01.

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

CONCLUDING MATERIAL

Custodians:
Army - CR
DLA - CC

Preparing activity:
DLA - CC

(Project 5935-4437-002)