DETAIL SPECIFICATION SHEET

CONNECTORS, RECEPTACLE, ELECTRICAL, BACK PANEL,
BOX MOUNTING FLANGE, CRIMP TYPE, BAYONET COUPLING, SERIES II

Reactivated after 24 May 2004 and may be used for new and existing designs and acquisitions.

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-38999.

FIGURE 1. Receptacle.
FIGURE 1. Receptacle – Continued.
<table>
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<th>Inches</th>
<th>mm</th>
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NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. For main key and key positions, see MIL-DTL-38999.
4. The gauge feature for GG shall be .010 inch (0.25 mm) smaller than the MMC size at basic location.
5. Dimensioning and tolerances are in accordance with ASME-Y14.5M.
6. Maximum panel thickness including mounting hardware.

FIGURE 1. Receptacle – Continued.
REQUIREMENTS:

Dimensions and configurations: See figure 1.
Interface dimensions shall conform to MIL-DTL-38999.
Mating connectors: MS27473, MS27480, MS27484 and MS27500.
Procurement specification: MIL-DTL-38999.
Insert arrangements: See MIL-STD-1560.

Part or Identifying Number (PIN) example:

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Class
Shell size
Finish
Insert arrangement
Contact style
Polarizing positions

no letter is required for normal.

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-38999, this document references the following:

MS27473
MS27480
MS27484
MS27500
MIL-STD-1560
ASME-Y14.5M
CONCLUDING MATERIAL

Custodians:  Preparing activity:
Army – CR  DLA – CC
Navy – AS  (Project 5935-2008-050)
Air Force – 85
DLA – CC

Review activities:
Army – AR, MI
Navy – EC, MC, OS
Air Force – 19, 99
DLA – IS

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 http://assist.daps.dla.mil.