DETAIl SPECIFICATION SHEET

CONNECTORS, RECEPTACLE, ELECTRICAL, WALL 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, classes E, P and T.
FIGURE 1. Receptacle, classes E, P and T - Continued.
### Table 1

<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 information only.
3. The gauge features for GG shall be .010 inch (0.25 mm) smaller than the MMC size at basic location.
4. For main keyway and keyway positions, see MIL-DTL-38999.
5. Applicable potting forms for class P: SAE-AS85049/58 and SAE-AS85049/75

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**FIGURE 1. Receptacle, classes E, P and T - Continued.**
REQUIREMENTS:

Dimensions and configuration:  See figure 1.
Interface dimensions shall be in accordance with MIL-DTL-38999.
This receptacle mates with MS27473, MS27480, MS27484 and MS27500.
Insert arrangements:  See MIL-STD-1560.
For class E, compression nut in accordance with SAE-AS85049/27 shall be included.

Part or Identifying Number (PIN) example:

MS number  MS27472
Class       T
Shell size  24
Finish      F
Insert arrangement  61
Contact style  P
Polarizing positions  A
No letter is required for normal.

Restrictions.
Class E is inactive for new design.
Class P is inactive for new design for the Air Force.
Finish F is not for Navy use. Finish F is inactive for new design for the Air Force.

Amendment notations.  The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment.  This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations.  Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

Referenced documents.  In addition to MIL-DTL-38999, this document references the following:

MIL-STD-1560
MS27473
MS27480
MS27484
MS27500
SAE-AS85049/27
SAE-AS85049/58
SAE-AS85049/75
CONCLUDING MATERIAL

Custodians:
- Army - CR
- Navy - AS
- Air Force – 85
- DLA - CC

Preparing activity:
- DLA - CC
  (Project 5935-2012-195)

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 https://assist.dla.mil.