

INCH-POUND

MS27472H

12 July 2002

SUPERSEDING

MS27472G

27 June 1997

## DETAIL SPECIFICATION SHEET

CONNECTORS, RECEPTACLE, ELECTRICAL, WALL MOUNTING  
FLANGE, CRIMP TYPE, BAYONET COUPLING, SERIES II

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-DTL-38999.

Inactive for new design.

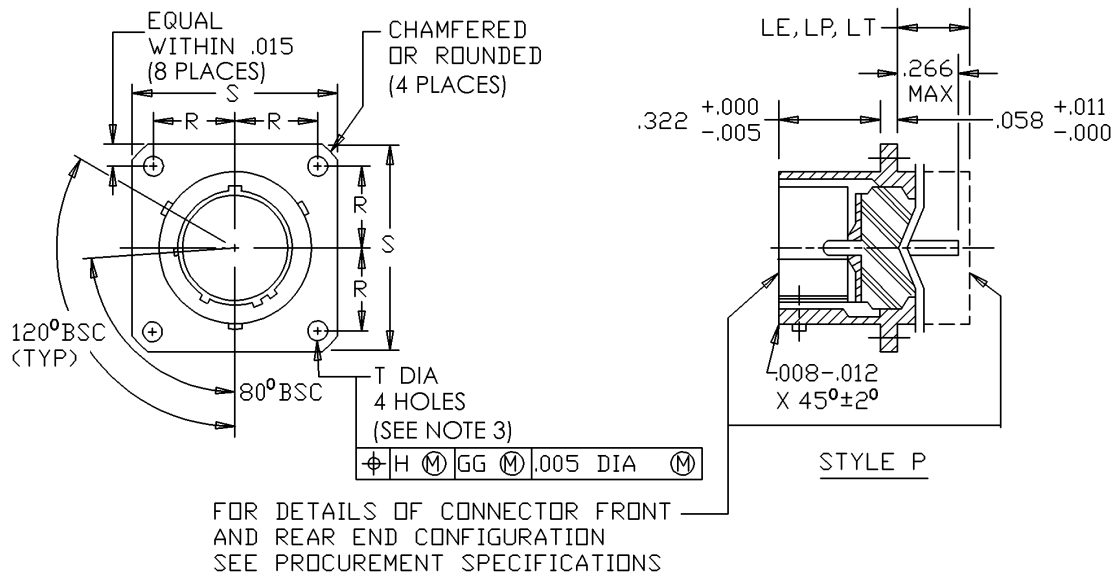
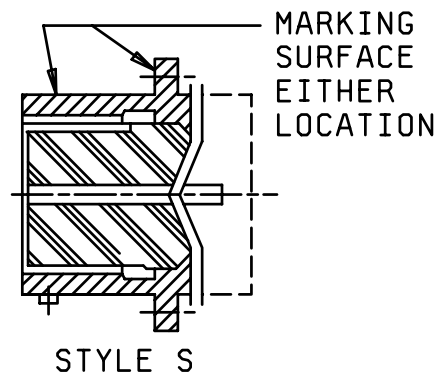


FIGURE 1. Receptacle, classes E, P and T.

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| Shell<br>size | LE<br>max<br>length | LP<br>max<br>length | LT<br>max<br>length | R<br>BSC | S<br>max | T<br>+.010<br>-.005 |
|---------------|---------------------|---------------------|---------------------|----------|----------|---------------------|
| 8             | .562                | .641                | .391                | .297     | .828     | .120                |
| 10            |                     |                     |                     | .3595    | .954     |                     |
| 12            |                     |                     |                     | .406     | 1.047    |                     |
| 14            |                     |                     |                     | .453     | 1.141    |                     |
| 16            |                     |                     |                     | .4845    | 1.234    |                     |
| 18            |                     |                     |                     | .531     | 1.328    |                     |
| 20            |                     |                     |                     | .578     | 1.453    |                     |
| 22            |                     |                     |                     | .625     | 1.578    |                     |
| 24            |                     | .703                | .469                | .6875    | 1.703    | .147                |

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

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| Inches | mm   | Inches | mm    | Inches | mm    | Inches | mm    |
|--------|------|--------|-------|--------|-------|--------|-------|
| .005   | .13  | .266   | 6.70  | .625   | 15.88 | 1.391  | 35.33 |
| .007   | .18  | .207   | 7.54  | .641   | 16.28 | 1.453  | 36.91 |
| .008   | .20  | .322   | 8.18  | .6875  | 17.46 | 1.516  | 38.51 |
| .010   | .25  | .3595  | 9.13  | .703   | 17.86 | 1.578  | 40.08 |
| .011   | .28  | .301   | 9.93  | .828   | 21.03 | 1.041  | 41.08 |
| .012   | .30  | .400   | 10.31 | .954   | 24.23 | 1.703  | 43.26 |
| .015   | .38  | .453   | 11.51 | 1.047  | 26.59 | 1.786  | 44.86 |
| .058   | 1.47 | .469   | 11.91 | 1.078  | 27.38 | 1.891  | 48.03 |
| .120   | 3.05 | .4845  | 12.31 | 1.141  | 28.98 | 2.016  | 51.21 |
| .139   | 3.53 | .531   | 13.40 | 1.234  | 31.34 | 2.204  | 55.98 |
| .147   | 3.73 | .562   | 14.27 | 1.266  | 32.10 |        |       |
| .223   | 5.66 | .578   | 14.68 | 1.328  | 33.73 |        |       |

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general 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.

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

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## REQUIREMENTS:

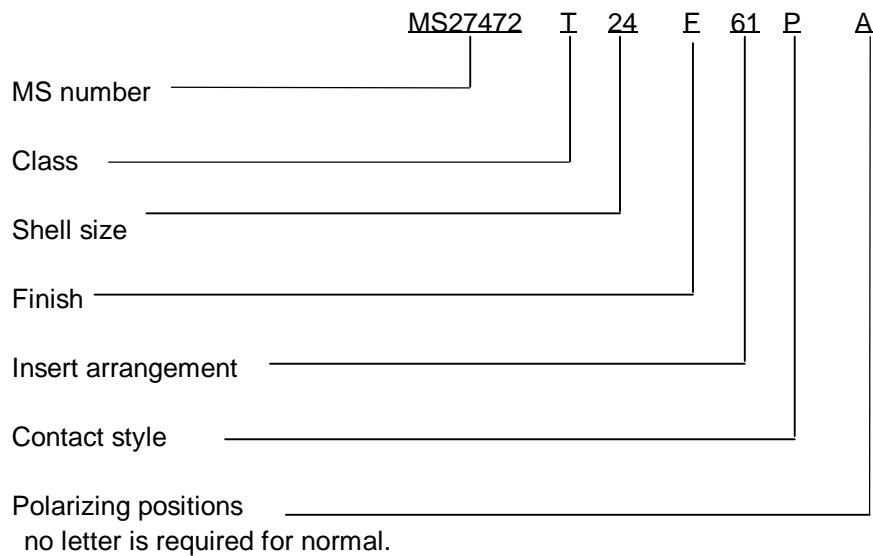
Dimensions and configuration: See figure 1.

Interface dimensions shall conform to MIL-DTL-38999.

This receptacles mates with MS27473, MS27480, MS27484 and MS27500.

Insert arrangements: See MIL-STD-1560.

Part or Identifying Number (PIN) example:



## CONCLUDING MATERIAL

## Custodians:

Army - CR  
Navy - AS  
Air Force - 11  
DLA - CC

## Preparing activity:

DLA - CC

(Project 5935-4365)

## Review activities:

Army - AR, MI  
Navy - EC, MC, OS  
Air Force - 19, 99  
DLA - IS