

METRIC

MIL-DTL-38999/41B  
 8 September 2010  
 SUPERSEDING  
 MIL-DTL-38999/41A  
 11 June 2001

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CIRCULAR, RECEPTACLE,  
 BOX MOUNTING FLANGE, HERMETIC, BREECH COUPLING,  
 HERMETIC SOLDER CONTACTS, SERIES IV, METRIC

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.

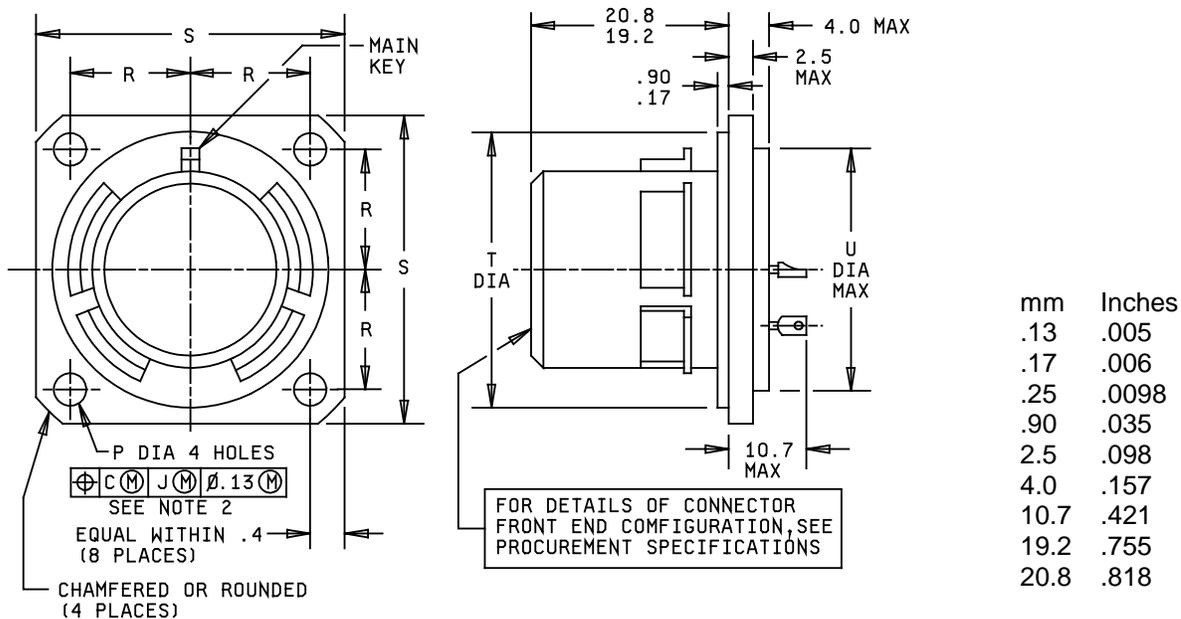


FIGURE 1. Receptacle, classes N and Y.

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Shell size	Shell size code	P dia	R BSC	S	T dia	U dia max
11	B	3.5 (.137) 3.1 (.122)	10.31 (.405)	26.7 (1.05) 25.6 (1.00)	20.15 (.793) 19.76 (.777)	15.88 (.625)
13	C		11.51 (.453)	29.1 (1.14) 28.0 (1.10)	23.35 (.919) 22.96 (.903)	19.05 (.789)
15	D		12.31 (.484)	31.5 (1.24) 30.4 (1.19)	26.52 (1.04) 26.13 (1.02)	23.01 (.905)
17	E		13.49 (.531)	33.9 (1.33) 32.8 (1.291)	29.72 (1.17) 29.33 (1.15)	25.81 (1.01)
19	F		14.68 (.577)	37.1 (1.46) 36.0 (1.41)	32.87 (1.29) 32.48 (1.27)	28.98 (1.14)
21	G		15.88 (.625)	40.2 (1.58) 39.1 (1.53)	36.05 (1.41) 35.66 (1.40)	32.16 (1.26)
23	H		4.0 (.157) 3.6 (.141)	17.46 (.687)	43.4 (1.70) 42.3 (1.66)	39.22 (1.54) 38.83 (1.52)
25	J		19.05 (.749)	46.6 (1.83) 45.5 (1.79)	42.40 (1.66) 42.01 (1.65)	37.69 (1.48)

FIGURE 1. Receptacle, classes N and Y - Continued.

NOTES:

1. Dimensions are in millimeters.
2. The gage features for "J" shall be 0.25 mm (.010 in) larger than the maximum material condition (mmc) size at basic location.
3. Inch-pound conversion are provided in parentheses for information only.

FIGURE 1. Receptacle, classes N and Y - Continued.

REQUIREMENTS:

Dimensions and configurations: See figure 1.

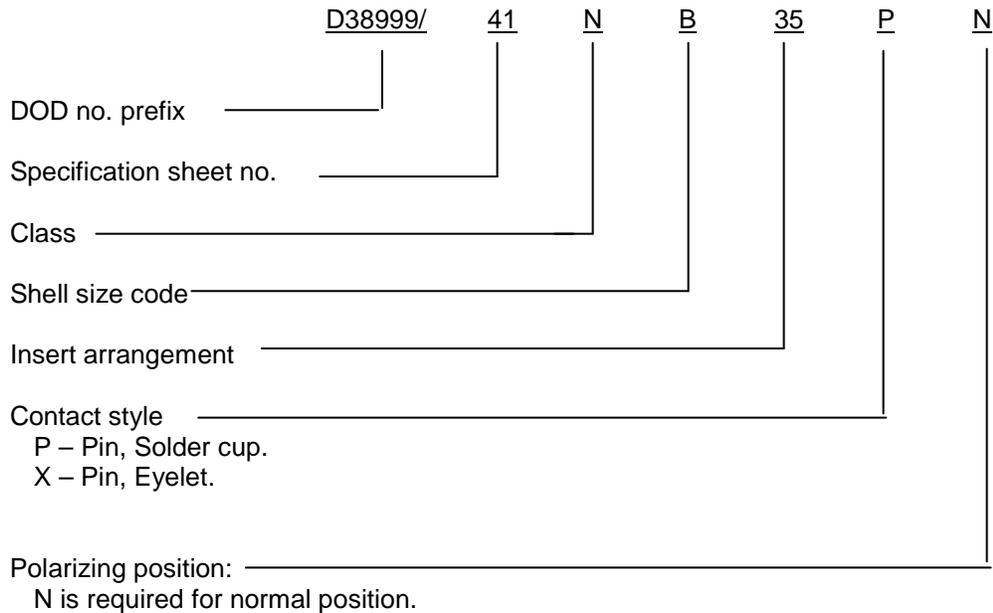
Interface dimensions shall conform to MIL-DTL-38999.

This connector mates with MIL-DTL-38999/46 and /47.

Main key color: Blue.

For insert arrangements: See MIL-STD-1560.

Part or Identifying Number (PIN) example:



For contact termination: See MIL-DTL-38999.

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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-38999, this document references the following:

MIL-STD-38999/46  
MIL-STD-38999/47  
MIL-STD-1560

CONCLUDING MATERIAL

Custodians:

Army - CR  
Navy - AS  
Air Force - 85  
DLA - CC

Preparing activity:  
DLA - CC

(Project 5935-2010-026)

Review activities:

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

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.daps.dla.mil>.