

METRIC

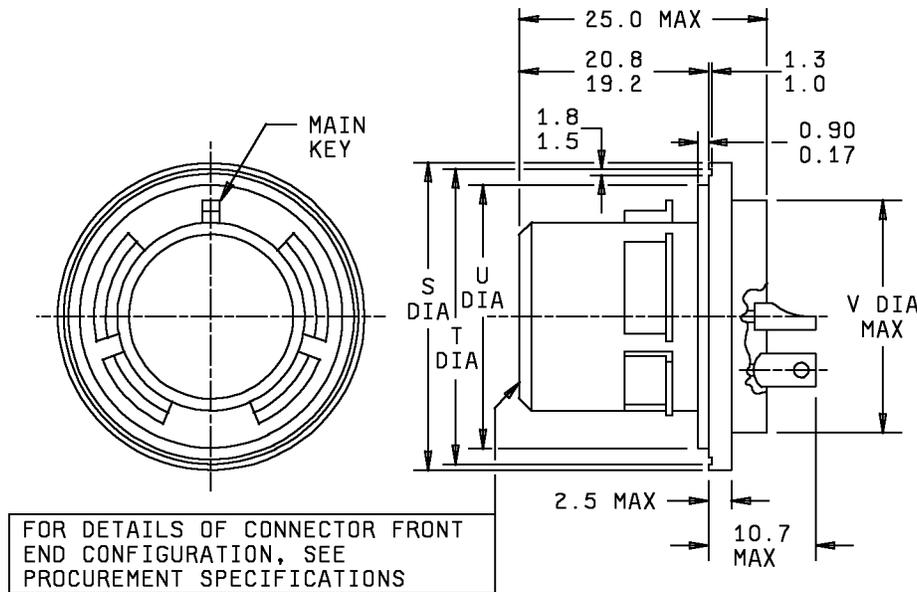
MIL-DTL-38999/48B
 5 February 2014
 SUPERSEDING
 MIL-DTL-38999/48A
 11 June 2001

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CIRCULAR, RECEPTACLE,
 WELD MOUNTING, 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.



mm	Inches	mm	Inches	mm	Inches	mm	Inches
0.17	.007	1.3	.05	2.5	.10	20.8	.82
0.90	.035	1.5	.06	10.7	.42	25.0	.98
1.0	.040	1.8	.07	19.2	.76		

FIGURE 1. Receptacle, classes N and Y.

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Shell size	Shell size code	S dia	T dia	U dia	V dia max
11	B	28.1 / 27.8 (1.11 / 1.09)	26.3 / 26.0 (1.04 / 1.02)	20.15 / 19.76 (.79 / .78)	15.88 (.63)
13	C	31.3 / 31.0 (1.23 / 1.22)	29.5 / 29.2 (1.16 / 1.15)	23.35 / 22.96 (.92 / .90)	19.05 (.75)
15	D	34.5 / 34.2 (1.36 / 1.35)	32.7 / 32.4 (1.29 / 1.28)	26.52 / 26.13 (1.23 / 1.22)	23.01 (.91)
17	E	36.7 / 36.4 (1.44 / 1.43)	34.9 / 34.6 (1.37 / 1.36)	29.72 / 29.33 (1.17 / 1.15)	25.81 (1.02)
19	F	40.4 / 40.1 (1.59 / 1.58)	38.6 / 38.3 (1.52 / 1.51)	32.87 / 32.48 (1.29 / 1.28)	28.98 (1.14)
21	G	44.0 / 43.7 (1.73 / 1.72)	42.2 / 41.9 (1.66 / 1.65)	36.05 / 33.66 (1.42 / 1.33)	32.16 (1.27)
23	H	48.2 / 47.9 (1.90 / 1.89)	46.4 / 46.1 (1.83 / 1.81)	39.22 / 38.83 (1.54 / 1.53)	34.93 (1.38)
25	J	50.4 / 50.1 (1.98 / 1.97)	48.6 / 48.3 (1.91 / 1.90)	42.40 / 42.01 (1.67 / 1.65)	37.69 (1.48)

NOTES:

1. Dimensions are in millimeters.
2. Inch equivalents are given for information only.

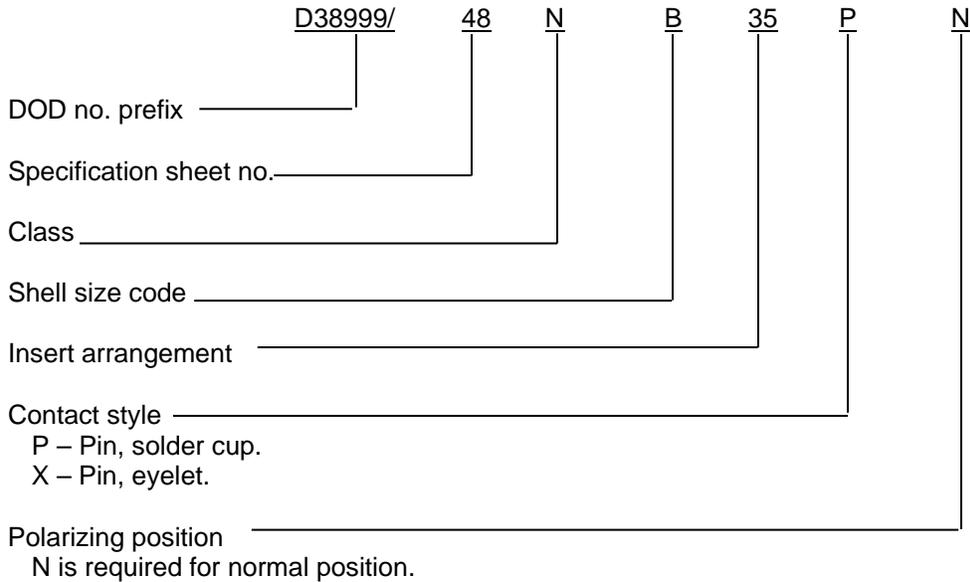
FIGURE 1. Receptacle, classes N and Y – Continued.

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.

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Part or Identifying Number (PIN) example:



For contact termination: See MIL-DTL-38999.

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. 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 and relationship to the last previous issue.

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

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

CONCLUDING MATERIAL

Custodians:

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

Preparing activity:

DLA - CC

(Project 5935-2013-158)

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.dla.mil>.