

METRIC

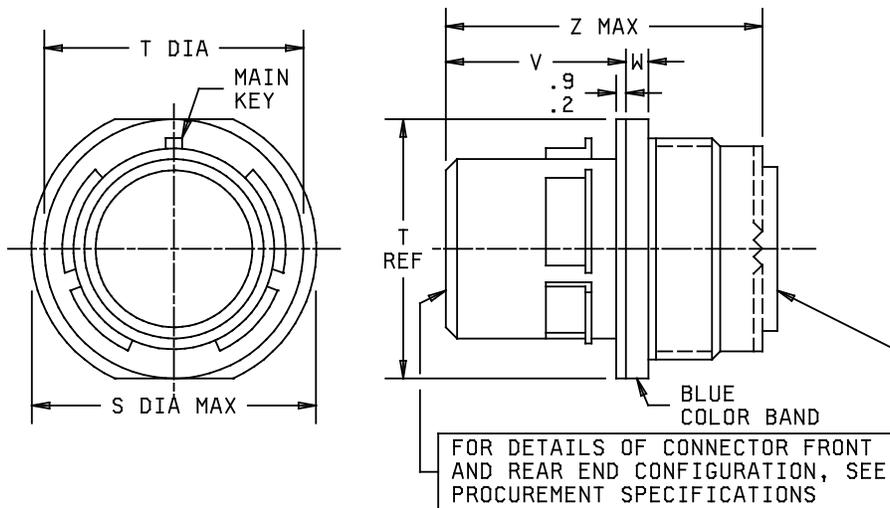
MIL-DTL-38999/49B
5 February 2014
SUPERSEDING
MIL-DTL-38999/49A
11 June 2001

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CIRCULAR, RECEPTACLE,
IN-LINE CABLE, BREECH COUPLING,
REMOVABLE CRIMP 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
0.2	.008
0.9	.035

FIGURE 1. Receptacle, classes C, F, R, T, W, X and Z.

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Shell size	Shell size code	S dia max	T dia	V	W	Z max
11	B	26.78 (1.05)	20.15 / 19.76 (.79 / .78)	20.8 / 19.2 (.82 / .76)	2.6 / 2.1 (.10 / .08)	32.0 (1.26)
13	C	31.15 (1.23)	23.35 / 22.96 (.92 / .90)			
15	D	34.32 (1.35)	26.52 / 26.13 (1.04 / 1.03)			
17	E	37.50 (1.48)	29.72 / 29.33 (1.17 / 1.15)			
19	F	40.29 (1.59)	32.87 / 32.48 (1.29 / 1.28)		3.4 / 2.9 (.13 / .11)	
21	G	43.46 (1.71)	36.05 / 35.66 (1.42 / 1.40)			
23	H	46.64 (1.84)	39.22 / 38.83 (1.54 / 1.53)			
25	J	49.89 (1.96)	42.40 / 42.01 (1.67 / 1.65)			

NOTES:

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

FIGURE 1. Receptacle, classes C, F, R, T, W, X and Z – Continued.

REQUIREMENTS:

Dimensions and configurations: See figure 1.

Interface dimensions shall conform to MIL-DTL-38999.

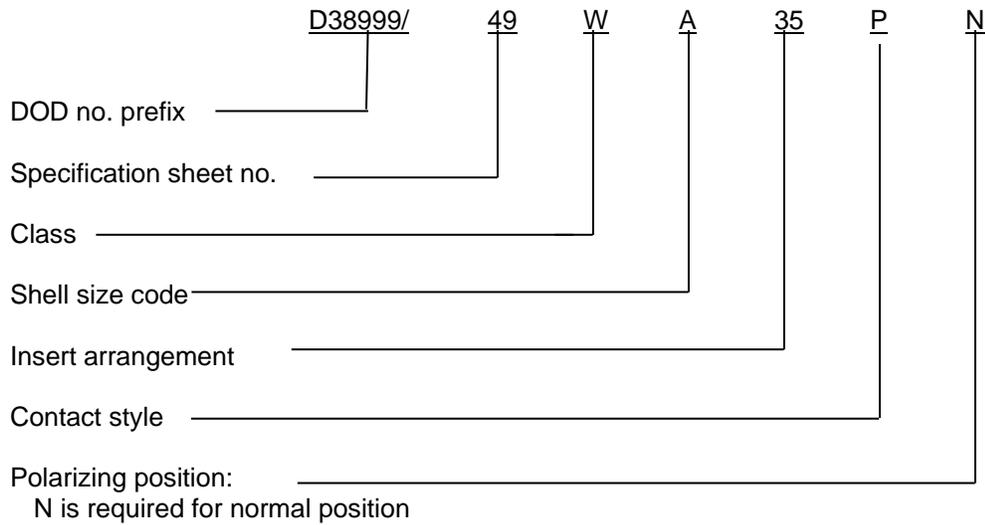
This connector mates with MIL-DTL-38999/46 and /47.

Main key color: Blue.

For insert arrangements: See MIL-STD-1560.

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Part or Identifying Number (PIN) example:



Class F is not for Navy use and is inactive for Air Force new design use.

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 5935-2013-160)

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>.