

METRIC

MIL-DTL-38999/27C
10 July 2008
SUPERSEDING
MIL-DTL-38999/27B
11 June 2001

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CIRCULAR, THREADED, RECEPTACLE, WELD MOUNTING, HERMETIC, HERMETIC SOLDER CONTACTS, SERIES III, 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.

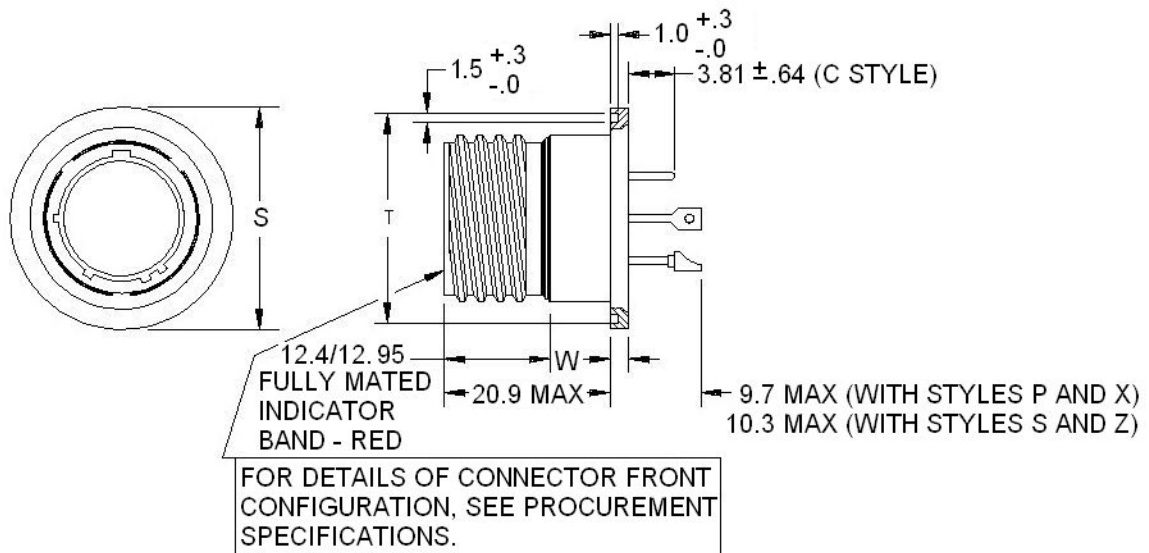


FIGURE 1. Receptacle, classes N and Y.

Connector dimensions

Shell size	Shell size code	S + .3 - .0	T + .0 - .3	W ± .2
9	A	24.7 (.972)	23.9 (.941)	3.2 (.126)
11	B	27.8 (1.094)	27.0 (1.063)	3.2 (.126)
13	C	31.0 (1.220)	30.2 (1.189)	3.2 (.126)
15	D	34.2 (1.346)	33.4 (1.315)	3.2 (.126)
17	E	36.4 (1.433)	35.6 (1.402)	3.2 (.126)
19	F	40.1 (1.579)	39.3 (1.547)	3.2 (.126)
21	G	43.7 (1.720)	42.9 (1.689)	3.2 (.126)
23	H	47.9 (1.886)	47.1 (1.854)	4.0 (.157)
25	J	50.1 (1.972)	49.3 (1.941)	4.0 (.157)

NOTES:

1. Dimensions are in millimeters.
2. Inch equivalents are given for general 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.

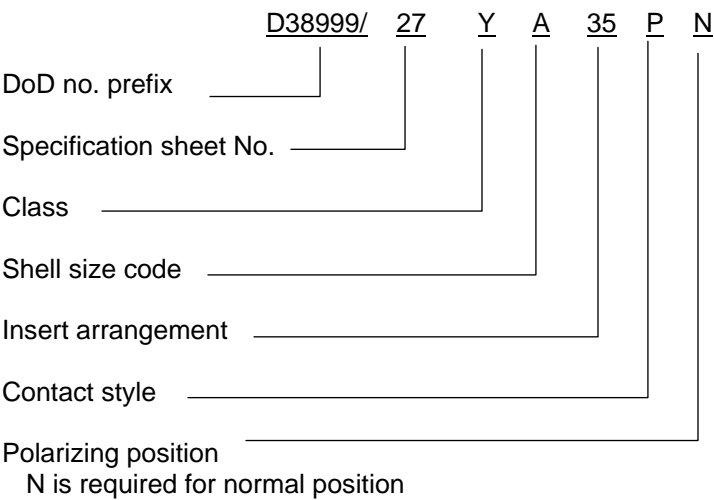
This connector mates with MIL-DTL-38999/26.

For insert arrangements: See MIL-STD-1560.

Connectors accessories: See SAE-AS85049.

Eyelet contact termination: See MIL-DTL-38999.

Part or Identifying Number (PIN) example:



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-DTL-38999/26
MIL-STD-1560
SAE-AS85049

CONCLUDING MATERIAL

Custodians

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

Preparing activity:
DLA - CC

(Project 5935-2008-022)

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 this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>.