

METRIC

MIL-DTL-38999/27B
11 June 2001
SUPERSEDING
DOD-C-38999/27A
15 June 1984

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 and MIL-DTL-38999.

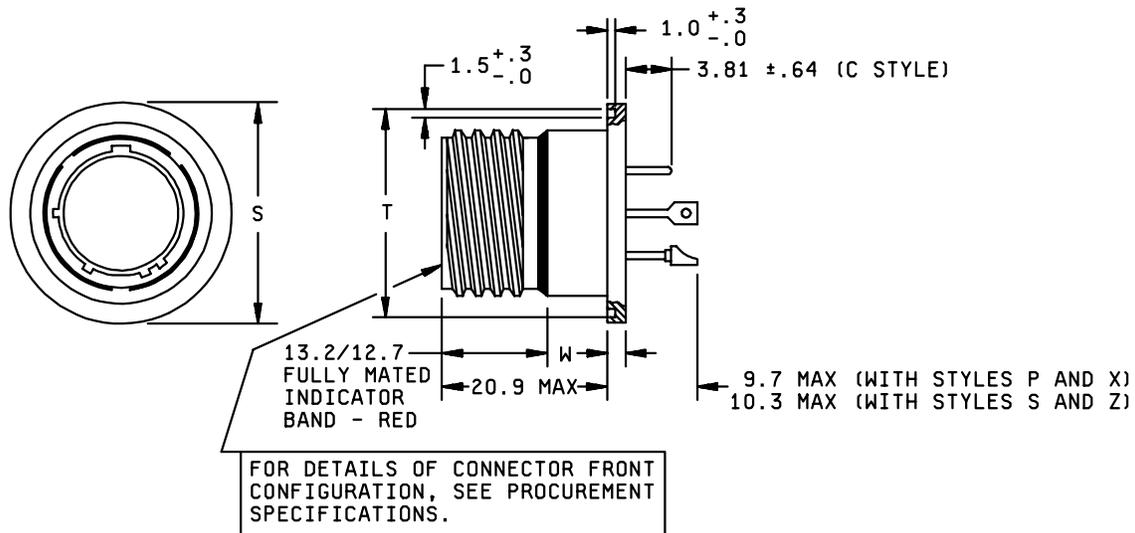


FIGURE 1. Receptacle, classes N and Y.

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)

NOTE: Dimensions are in millimeters.

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

REQUIREMENTS:

Dimensions and configurations: See figure 1. Interface dimensions shall conform to MIL-DTL-38999.

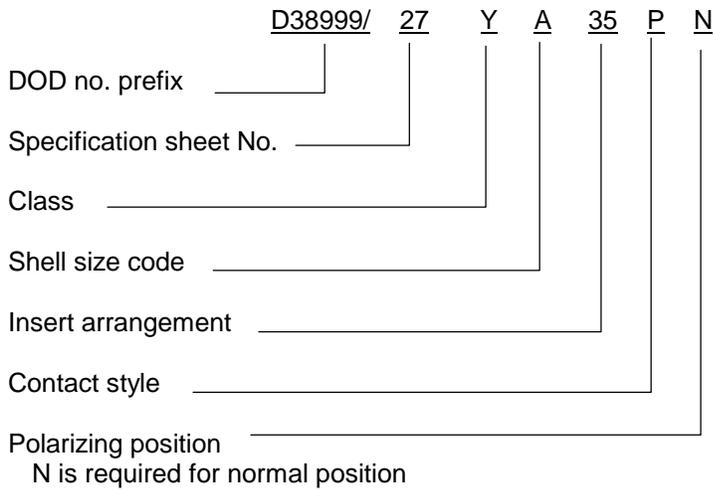
This connector mates with MIL-DTL-38999/26.

For insert arrangements: See MIL-STD-1560.

Connectors accessories: See MIL-C-85049.

Eyelet contact termination: See MIL-DTL-38999.

Part or Identifying Number (PIN) example:



CONCLUDING MATERIAL

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

Preparing activity:
DLA - CC

(Project 5935-4301-08)

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