

METRIC

MIL-DTL-38999/46B
30 July 2008
SUPERSEDING
MIL-DTL-38999/46A
11 June 2001

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CIRCULAR, PLUG, BREECH COUPLING,
EMI GROUNDING, 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.

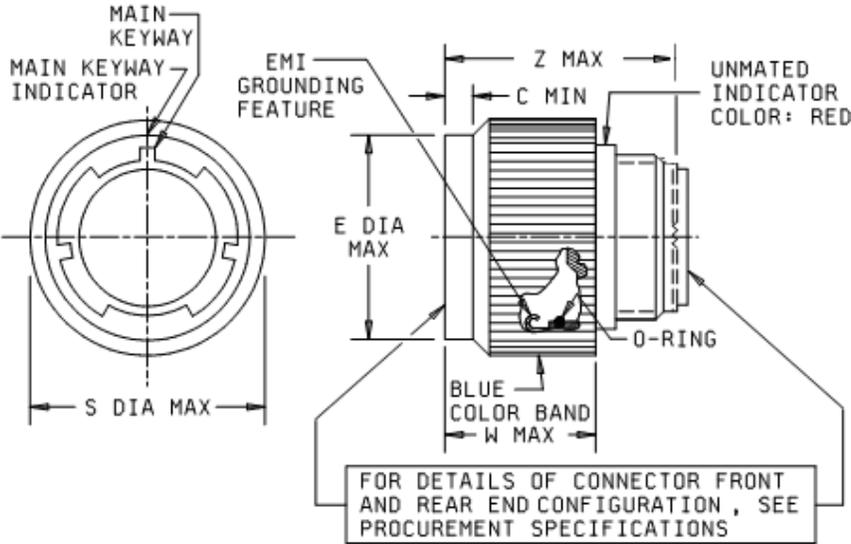


FIGURE 1. Plug, classes F, K, P, R, S, T, W, X and Z.

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Shell size	Shell size code	C min	E dia. max	S dia. max	W max	Z max	
						Mated	Unmated
11	B	4.8 (.189)	19.7 (.776)	26.6 (1.047)	27.0 (1.063)	36.5 (1.437)	38.9 (1.531)
13	C		22.9 (.902)	31.0 (1.220)			
15	D		26.4 (1.039)	34.2 (1.346)			
17	E		29.2 (1.150)	37.4 (1.472)			
19	F		32.4 (1.276)	40.2 (1.583)			
21	G		35.6 (1.402)	43.3 (1.705)			
23	H		38.8 (1.528)	46.5 (1.831)			
25	J		41.9 (1.650)	49.7 (1.957)			

NOTES:

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

FIGURE 1. Plug, classes F, K, P, R, S, T, W, X and Z - Continued.

REQUIREMENTS:

Dimensions and configurations: See figure 1.

Interface dimensions shall conform to MIL-DTL-38999.

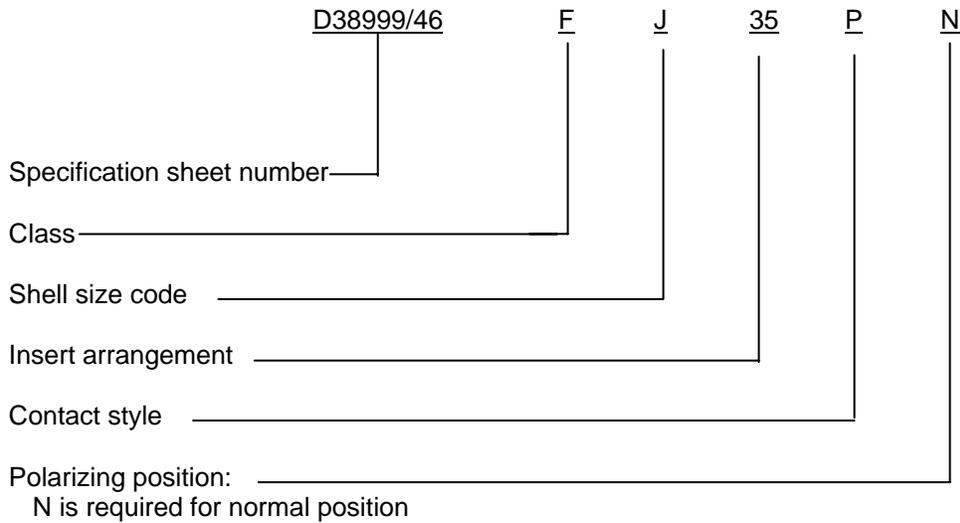
This connector mates with: MIL-DTL-38999/40, /42 and /44.

Main key color: Blue.

For insert arrangements: See MIL-STD-1560.

Class K is not for Air Force use.

Part or Identifying Number (PIN) example:



Coupling rings of class F plugs shall have anodic finish in accordance with MIL-A-8625, type III, .025 millimeter minimum thickness.

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-38999/40
MIL-DTL-38999/42
MIL-DTL-38999/44
MIL-STD-1560
MIL-A-8625

CONCLUDING MATERIAL

Custodians:

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

Preparing activity:
DLA - CC

(Project 5935-2006-068)

Review activities:

Army - AR, MI
Navy - EC, MC
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 <http://assist.daps.dla.mil>.