

METRIC

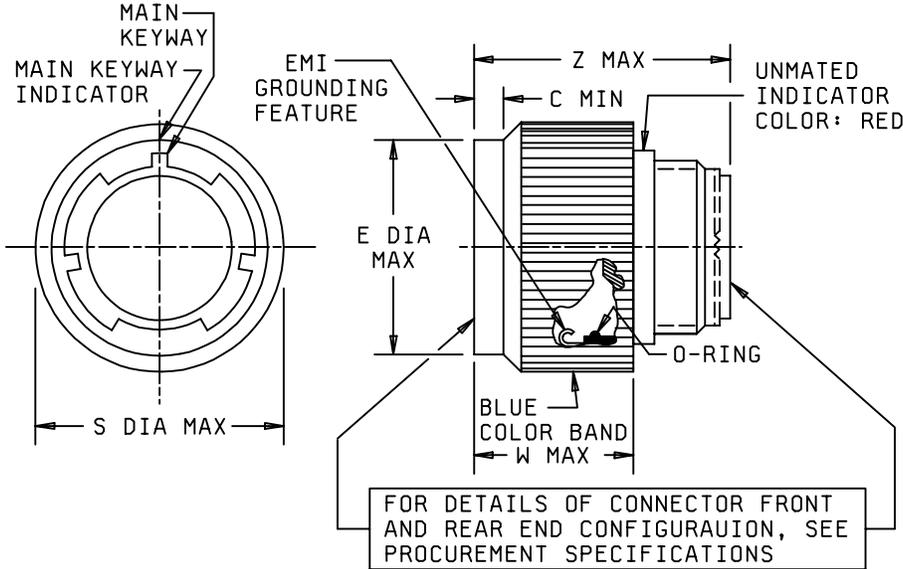
MIL-DTL-38999/46A
11 June 2001
SUPERSEDING
DOD-C-38999/46
7 December 1977

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 and MIL-DTL-38999.



NOTE: Dimensions are in millimeters.

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

Shell size	Shell size code	C min	E dia. max	S dia. max	W max	Z max	
						Mated	Unmated
11	B	4.8	19.7	26.6	27.0	36.5	38.9
13	C		22.9	31.0			
15	D		26.4	34.2			
17	E		29.2	37.4			
19	F		32.4	40.2			
21	G		35.6	43.3			
23	H		38.8	46.5			
25	J		41.9	49.7			

NOTE: Dimensions are in millimeters.

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

REQUIREMENTS:

Dimensions and configurations: See figure 1.

Interface dimensions shall conform to MIL-DTL-38999.

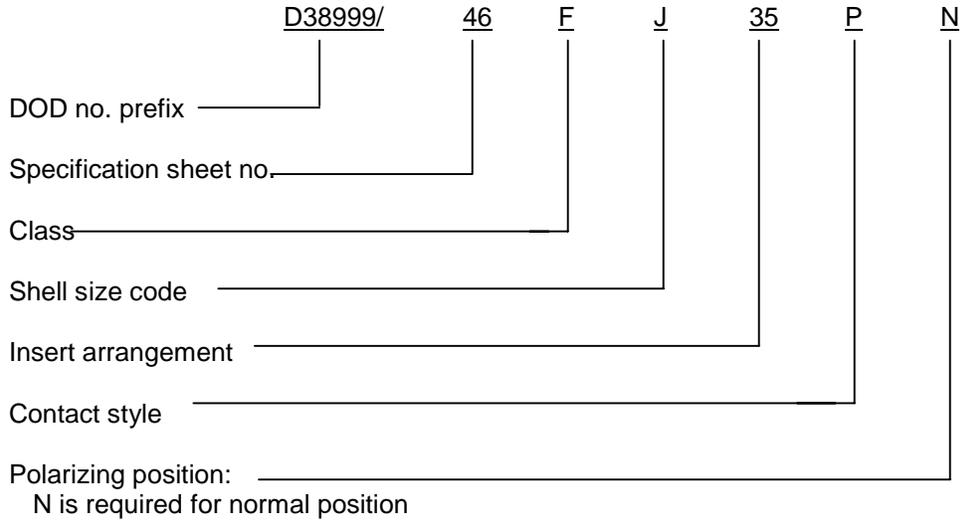
This connector mates with: MIL-DTL-38999/40, /42 and /44.

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.

CONCLUDING MATERIAL

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

Preparing activity:
DLA - CC
(Project 5935-4301-23)

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