

METRIC

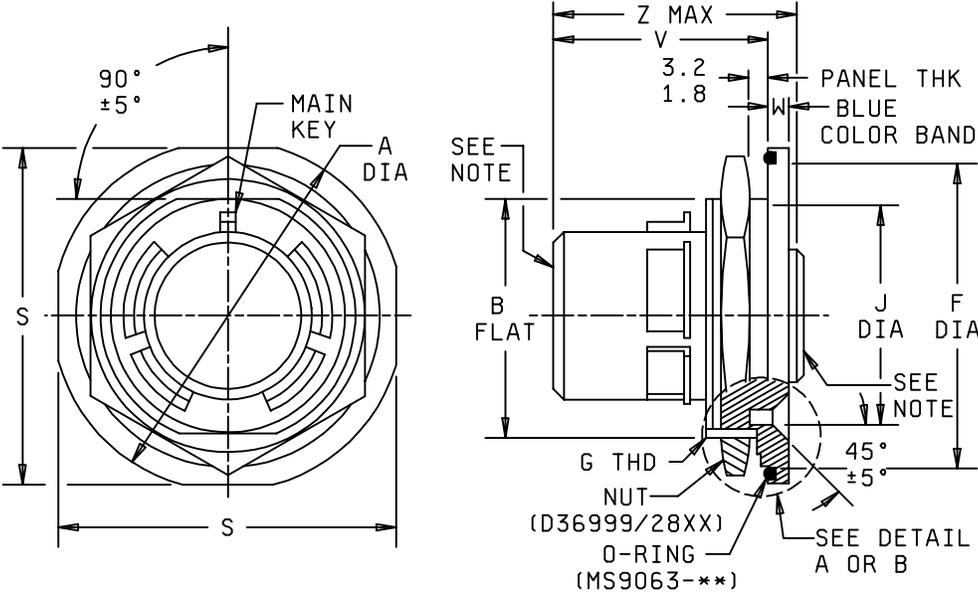
MIL-DTL-38999/44B  
11 June 2001  
SUPERSEDING  
DOD-C-38999/44A  
15 August 1986

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CIRCULAR, RECEPTACLE,  
JAN-NUT MOUNTING, 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 and MIL-DTL-38999.



NOTE: For details of connector front and rear end configuration,  
see procurement specifications

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

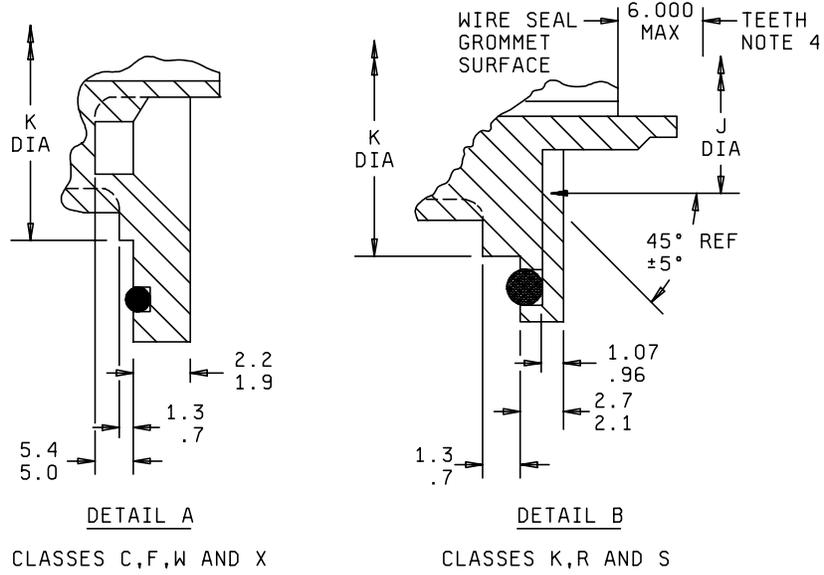


FIGURE 1. Receptacle, classes C, F, K, R, S, W and X – Continued.

Shell size	Shell size code	A dia	B flat	F dia	G thread plated	J dia	K dia	S
11	B	38.6	23.93	27.84	M25x1-6g 0.1R	20.42	25.40	35.4
		37.6	23.74	27.55		20.17	25.15	34.4
13	C	41.7	27.08	31.02	M28X1-6g 0.1R	23.57	25.58	38.6
		40.7	26.89	30.73		23.32	28.33	37.6
15	D	44.9	30.26	34.19	M31X1-6g 0.1R	26.56	31.75	41.7
		43.9	30.07	33.90		26.31	31.50	40.7
17	E	49.7	33.56	37.67	M34X1-6g 0.1R	30.02	34.92	45.7
		48.7	33.37	37.38		29.77	34.67	44.7
19	F	51.7	36.61	40.85	M38X1-6g 0.1R	32.91	38.10	48.5
		50.7	36.42	40.56		32.66	37.85	47.5
21	G	54.8	39.78	44.02	M41X1-6g 0.1R	36.11	41.28	51.7
		53.8	39.59	43.73		35.86	41.03	50.7
23	H	58.0	42.96	47.20	M44X1-6g 0.1R	39.26	44.45	54.8
		57.0	42.77	46.91		39.01	44.20	53.8
25	J	61.2	46.13	50.37	M47X1-6g 0.1R	42.46	47.63	58.0
		60.2	45.94	50.08		42.21	47.38	57.0

Shell size	Shell size code	V	W	Z max (see note 2)	Z max (see note 3)	Recommended packing (O-ring)
11	B	28.4	2.7	32.0	39.5	AS 3582-24
13	C					AS 3582-26
15	D					AS 3582-28
17	E					AS 3582-29
19	F					AS 3582-30
21	G					AS 3582-31
23	H					AS 3582-32
25	J					AS 3582-33

NOTES:

1. Dimensions are in millimeters.
2. Classes C, F, W and X.
3. Classes K, S and R.
4. Insert can be recessed a max of 6.00 mm back of teeth.

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

REQUIREMENTS:

Dimensions and configurations: See figure 1.

Interface dimensions shall conform to MIL-DTL-38999.

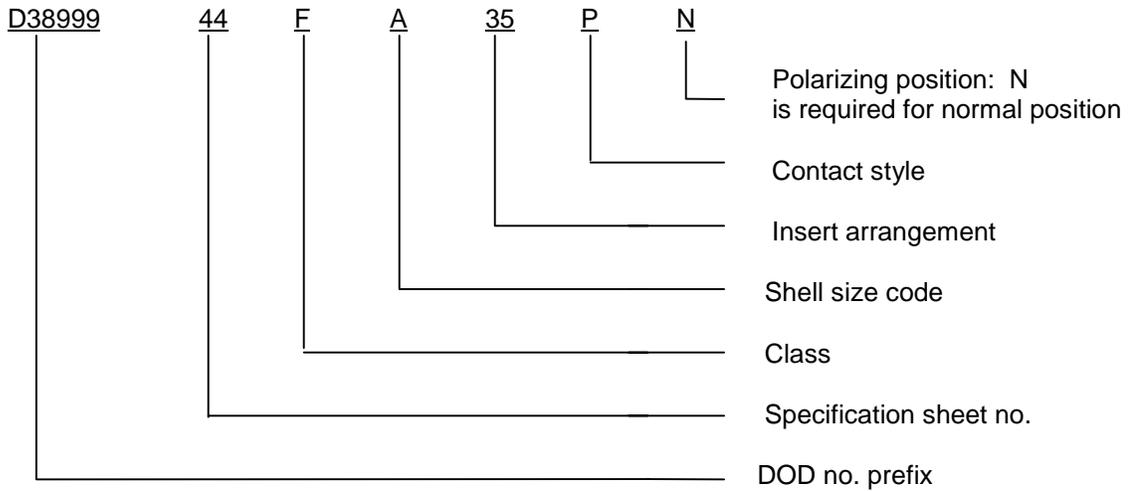
This connector mates with the following:

Classes C, F, W and X of MIL-DTL-38999/46 and 47 and  
Classes K, S and R of MIL-DTL-38999/46

Main key color: Blue.

For insert arrangements: See MIL-STD-1560.

Part or Identifying Number (PIN) example:



CONCLUDING MATERIAL

Custodians:

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

Preparing activity:  
DLA - CC

(Project 5935-4301-21)

Review activities:

Army - AR, MI  
Navy - EC, MC, OS  
Air Force - 19, 99