

METRIC

MIL-DTL-38999/47B  
14 August 2009  
SUPERSEDING  
MIL-DTL-38999/47A  
11 June 2001

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CIRCULAR, PLUG, 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 sheet and MIL-DTL-38999.

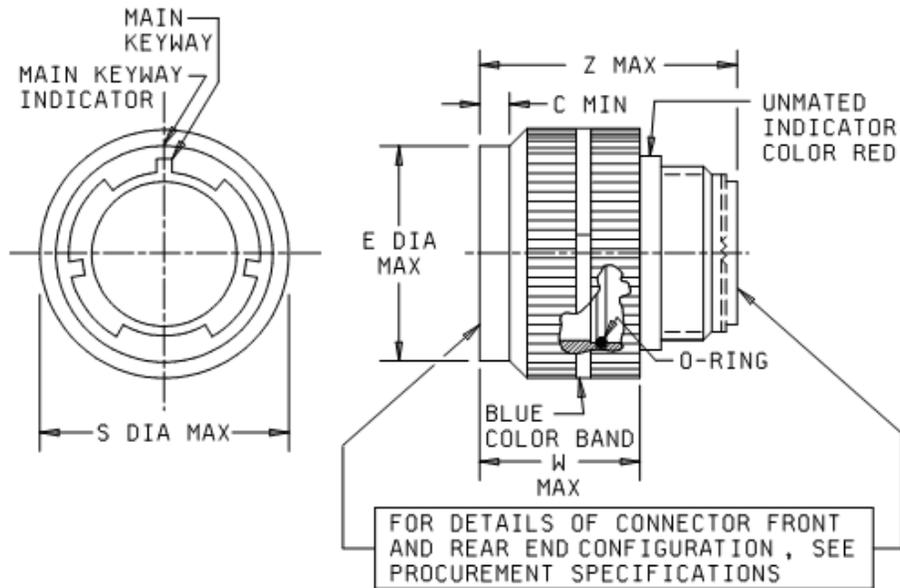


FIGURE 1. Plug, classes C, F, P, S, T, W, X and Z .

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)			

NOTE: Dimensions are in millimeters. Inch-pound equivalent are given for information only.

FIGURE 1. Plug, classes C, F, P, 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.

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

MIL-DTL-38999/47B

CONCLUDING MATERIAL

Custodians:

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

Preparing activity:

DLA - CC

(Project 5935-2008-144)

Review activities:

Army - AR, MI  
Navy - EC, MC, OS  
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>.