

METRIC

MIL-DTL-83538/1D
2 June 2008
SUPERSEDING
MIL-DTL-83538/1C
30 October 2006

DETAIL SPECIFICATION SHEET

CONNECTORS AND ACCESSORIES, ELECTRICAL, CIRCULAR, UMBILICAL,
RECEPTACLE, STORE ASSEMBLY, REMOVABLE CRIMP CONTACTS, SOCKETS,
FOR MIL-STD-1760 APPLICATIONS (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-83538.

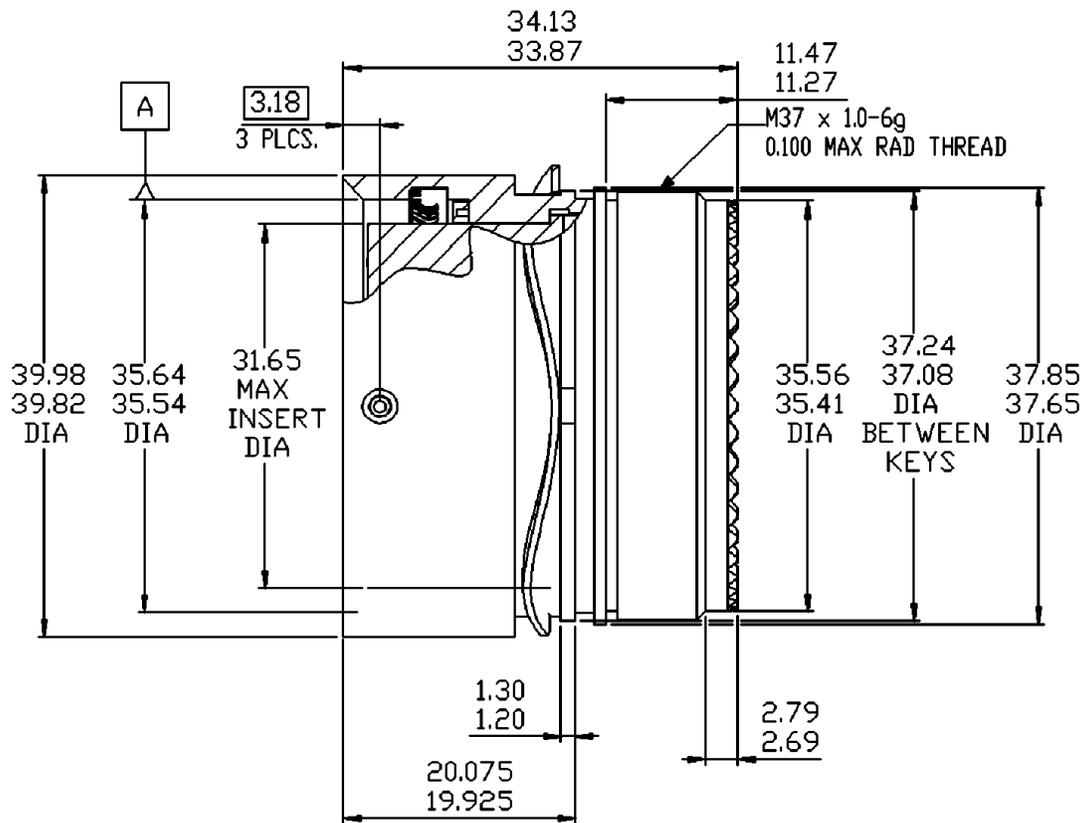


FIGURE 1. Store receptacle without adapter plate – type 0.

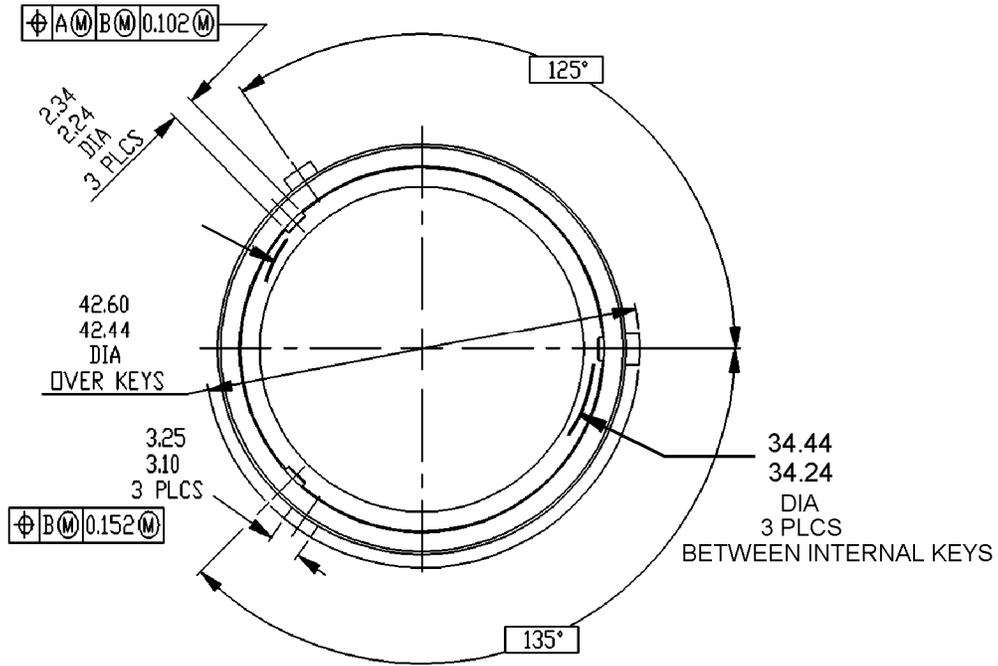
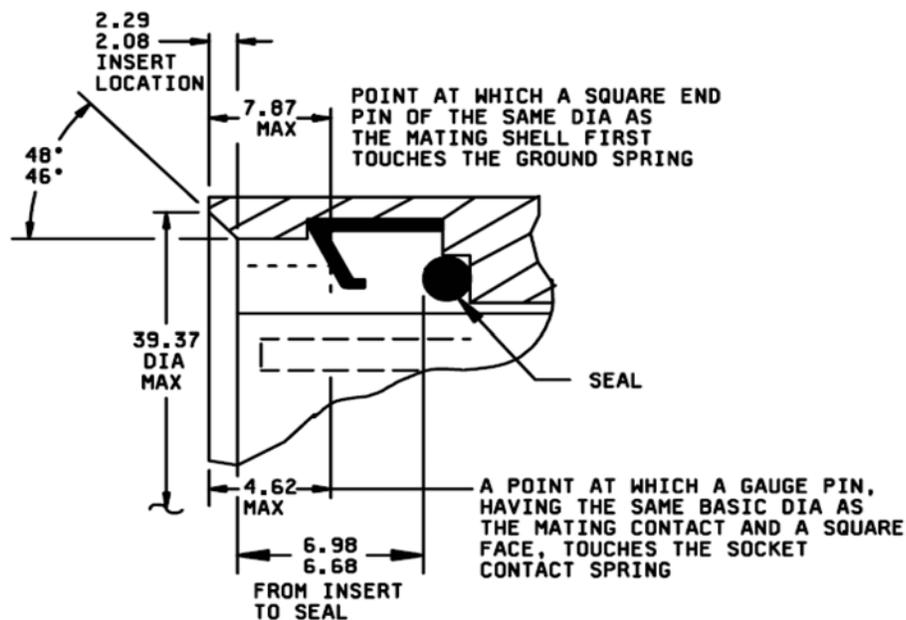


FIGURE 1. Store receptacle without adapter plate – type 0 – Continued.



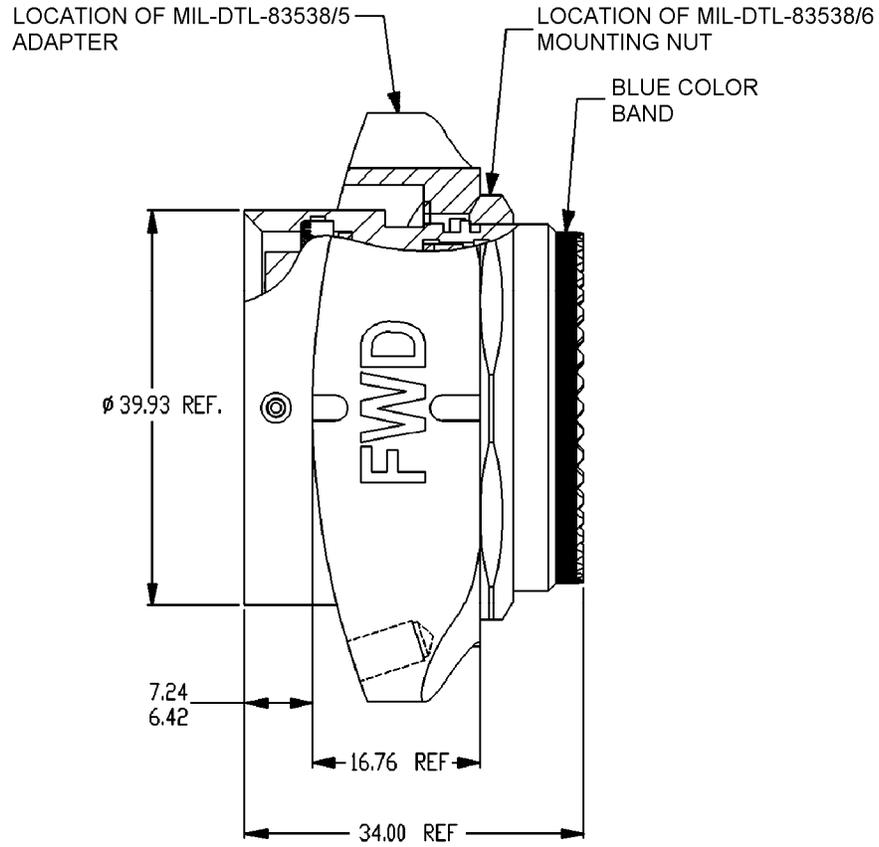
mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches
0.10	0.004	2.34	0.092	6.68	0.263	31.65	1.246	37.24	1.466
0.15	0.006	2.69	0.106	6.98	0.275	33.87	1.333	37.65	1.483
1.95	0.077	2.79	.0110	7.87	0.310	34.13	1.344	37.85	1.490
2.05	0.081	3.10	0.122	11.26	0.443	35.41	1.394	39.82	1.567
2.08	0.082	3.18	0.125	11.66	0.459	35.56	1.400	39.98	1.574
2.24	0.088	3.25	0.128	19.92	0.784	35.66	1.404	42.44	1.671
2.29	0.090	4.62	0.182	20.08	0.790	37.08	1.460	42.60	1.677

NOTES:

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

FIGURE 1. Store receptacle without adapter plate – type 0 – Continued.

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mm	Inches	mm	Inches
6.42	0.106	34.00	1.34
7.24	0.285	39.93	1.572
16.76	0.660		

NOTES:

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

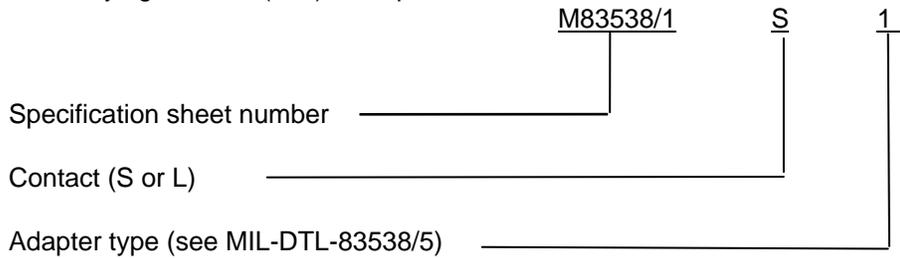
FIGURE 2. Store receptacle with adapter plate – types 1 and 2.

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REQUIREMENTS:

Dimensions and configurations: See figures 1 and 2.
This connector mates with buffer plug MIL-DTL-83538/3.
Insert arrangement shall be in accordance with MIL-STD-1560 (25-20).
Adapter types: See MIL-DTL-83538/5. Use 0 designation for option when no adapter type is needed.

Part or Identifying Number (PIN) example:



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-83538, this document references the following:

- MIL-DTL-83538/3
- MIL-DTL-83538/5
- MIL-DTL-83538/6
- MIL-STD-1560
- MIL-STD-1760

CONCLUDING MATERIAL

Custodians:
Army – CR
Navy – AS
Air Force – 85
DLA – CC

Preparing activity:
DLA – CC

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

(Project 5935-2008-083)

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>.