

INCH-POUND

MIL-DTL-83733/5C  
31 January 2011  
SUPERSEDING  
MIL-C-83733/5B(USAF)  
10 December 1980

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, RECEPTACLE, PIN CONTACT, MINIATURE,  
RECTANGULAR TYPE, RACK TO PANEL, BUSHING MOUNTING,  
ENVIRONMENT RESISTING, 200°C

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-83733.

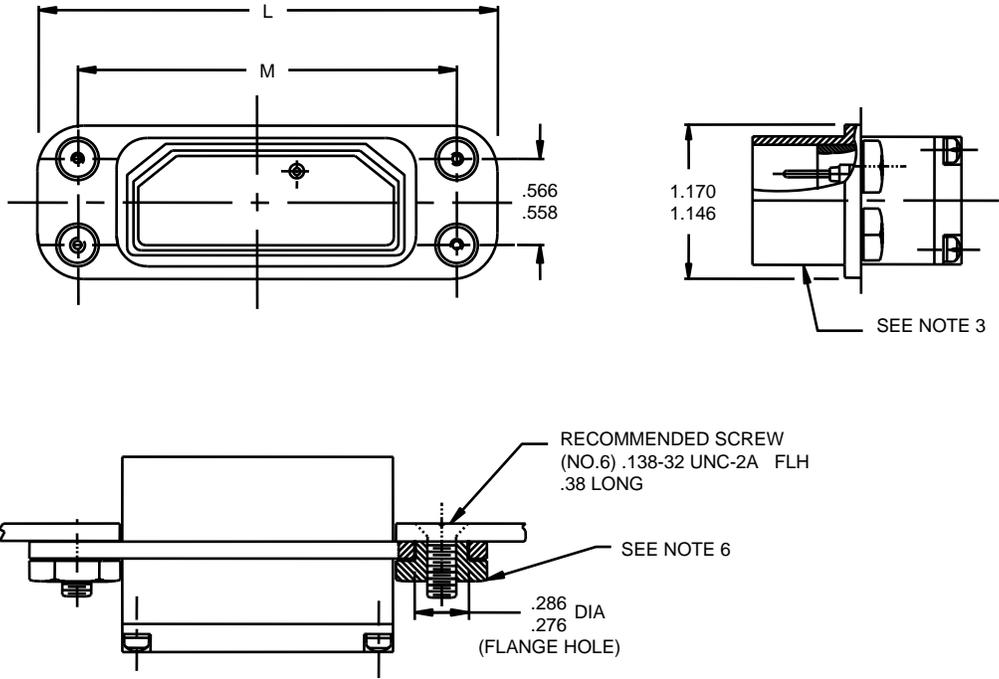


FIGURE 1. Dimensions and configurations.

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Shell size	L	M
A	3.030 3.000	2.580 2.570
B	4.330 4.300	3.880 3.870

Inches	mm	Inches	mm	Inches	mm
.138	3.51	1.146	29.11	3.870	98.30
.276	7.01	1.170	29.72	3.880	98.55
.286	7.26	2.570	65.28	4.300	109.22
.38	9.7	2.580	65.53	4.330	109.98
.558	14.17	3.000	76.20		
.566	14.38	3.030	76.96		

NOTES:

1. Dimensions are in inches.
2. See MIL-DTL-83733 for interface and backend configuration requirements.
3. This receptacle mates with MIL-DTL-83733/1, MIL-DTL-83733/4 plug.
4. For contacts see MIL-DTL-83733 and SAE AS39029/4, SAE AS39029/50 or SAE AS39029/58.
5. For insert arrangements see MIL-STD-1531 and MIL-STD-1532.
6. For fixed bushing see MS24700-2.
7. Metric equivalents are given for information only and are based upon 1.00 inch equals 25.4 mm.

FIGURE 1. Dimensions and configurations - Continued.

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of marginal notations and relationship to the last previous issue.

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Referenced documents. In addition to MIL-DTL-83733, this document references the following:

MIL-DTL-83733/1  
MIL-DTL-83733/4  
MIL-STD-1531  
MIL-STD-1532  
SAE AS39029/4  
SAE AS39029/50  
SAE AS39029/58

CONCLUDING MATERIAL

Custodians:  
Air Force - 85  
DLA - CC

Preparing activity:  
DLA – CC  
  
(Project 5935-2010-033)

Review activity:  
Air Force – 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 <https://assist.daps.dla.mil/>.