

MILITARY SPECIFICATION SHEET

CONNECTOR, ELECTRICAL, PLUG, SOCKET CONTACT, MINIATURE, RECTANGULAR TYPE,
 RACK TO PANEL, WITH CAPTIVE SPRINGS,
 ENVIRONMENT RESISTING, 200°C

This specification sheet is approved for use by the Electronic Support Division (AFLC ABW/ES) Department of the Air Force, and is available for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the connector described herein shall consist of this document and the latest issue of MIL-C-83733(USAF).

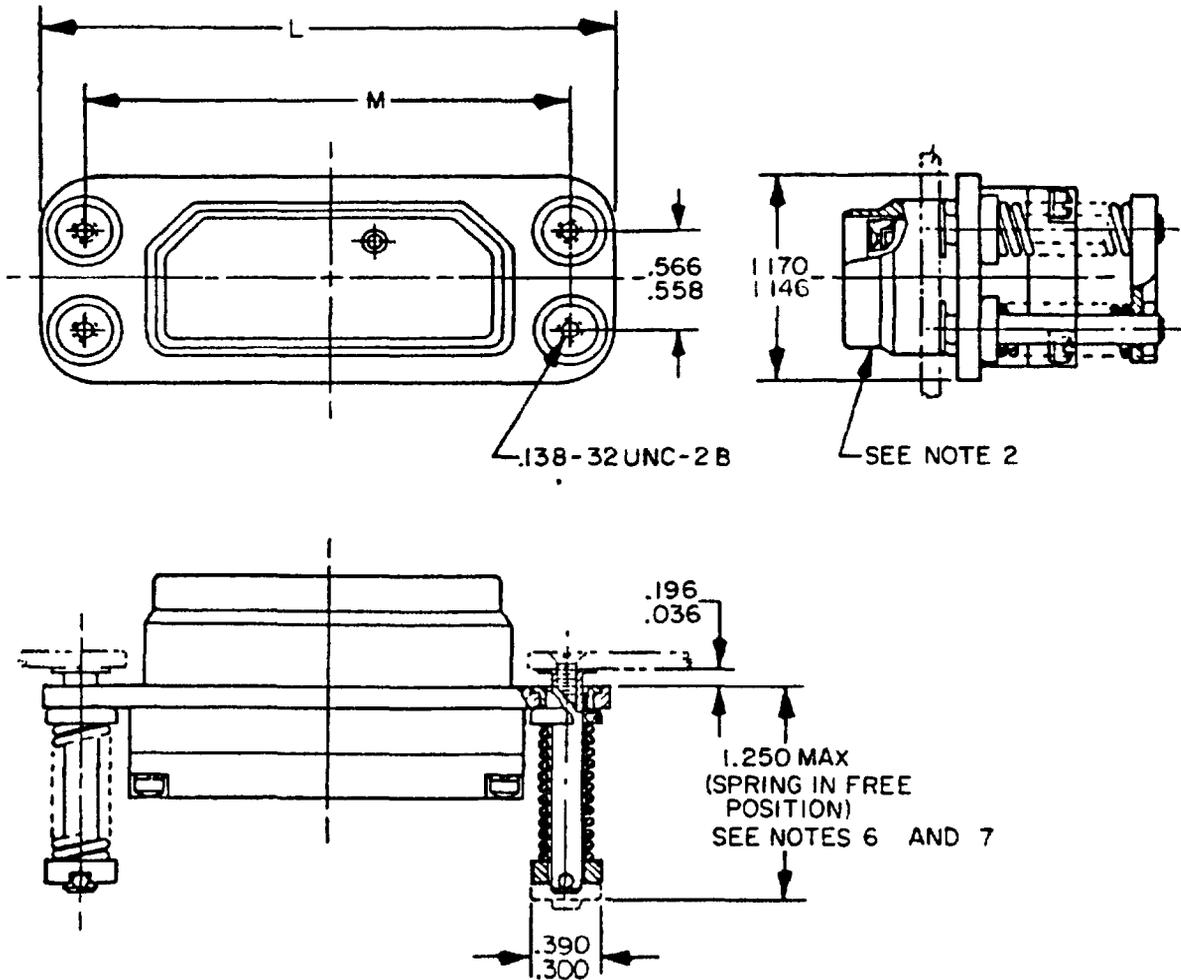


FIGURE 1 Dimensions and configuration

(C) denotes change

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

Inches	mm
.036	0.91
.138	3.58
.196	4.98
.300	7.62
.390	9.91
.500	12.70
.558	14.17
.566	14.38
1.146	29.11
1.170	29.72
1.250	31.75
2.570	65.28
2.580	65.53
3.000	76.20
3.030	76.96
3.870	98.30
3.880	98.55
4.300	109.22
4.330	109.98

NOTES:

1. Dimensions are in inches.
2. See MIL-C-83733 for interface and backend configuration requirements.
3. This plug mates with MIL-C-83733/1, MIL-C-83733/5 and MIL-C-83733/6 receptacles.
4. For contacts see MIL-C-83733 and MIL-C-39029/5, MIL-C-39029/51 or MIL-C-39029/57.
5. for insert arrangements see MIL-STD-1531 (USAF) and MIL-STD-1532 (USAF).
6. Springs are pre-loaded to 25 pounds each in free position.
7. Spring forces will be 118 pounds minimum at .500 panel spacing, and 176 pounds maximum at .390 panel spacing.
8. Metric equivalents are given for general information only.

MIL-C-83733/4C(USAF)

Custodian
Air Force - 85

Review activities:
Air Force - 85, 99
DLA - ES

Preparing activity:
Air Force - 85
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