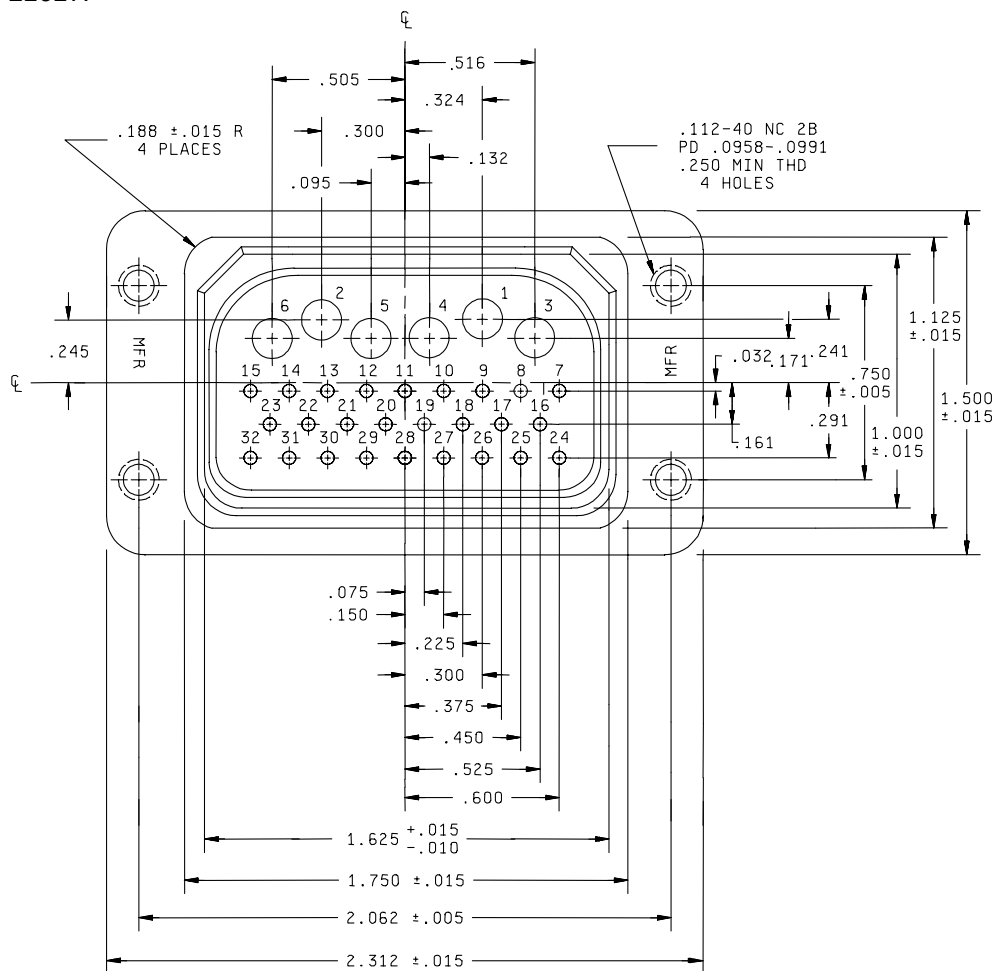


DETAIL SPECIFICATION SHEET

CONNECTOR, MALE RECEPTACLE ELECTRICAL, RECTANGULAR,
POLARIZED SHELL, MINIATURE TYPE, PIN CONTACTS,
PRESSURIZED (STYLE 032A)

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-21617.



CONTACTS 1 THROUGH 6 SIZE 16
ALL OTHERS SIZE 20 CONTACTS

FIGURE 1. Type JS, class M inserts containing pin contacts.

MIL-DTL-21617/21

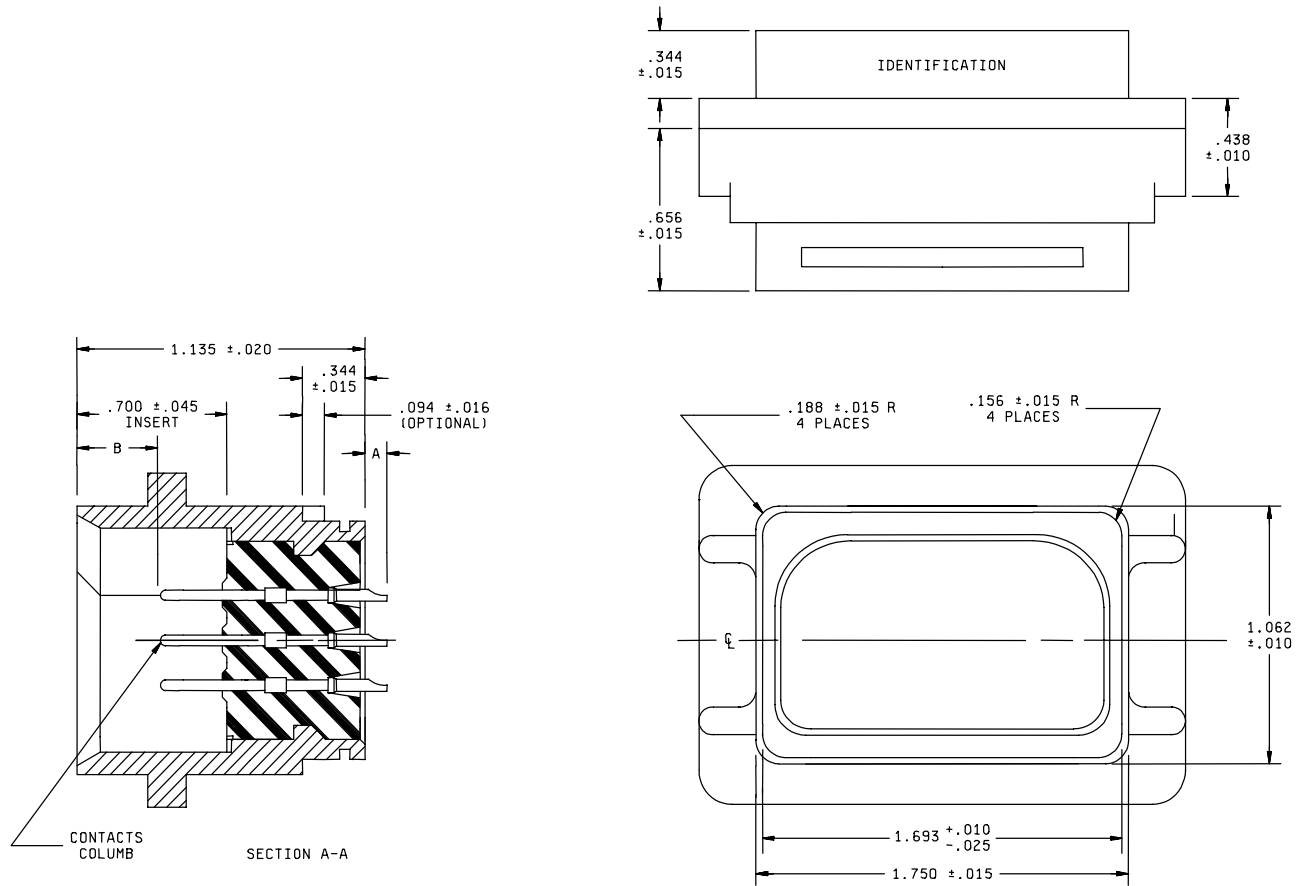
Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.005	0.13	.0991	2.517	.225	4.78	.375	9.53	1.000	25.40
.010	0.25	.112	2.84	.241	5.72	.450	11.43	1.125	28.58
.015	0.38	.132	3.35	.245	6.22	.505	12.83	1.500	38.10
.032	0.81	.150	3.81	.250	6.35	.516	13.11	1.625	41.28
.075	1.91	.161	4.09	.291	7.39	.525	13.34	1.750	44.45
.095	2.41	.171	4.34	.300	7.62	.600	15.24	2.062	52.37
.0958	2.433	.188	4.60	.324	8.23	.750	19.05	2.312	58.72

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerance is ± 0.005 (0.13 mm).

FIGURE 1. Type JS, class M inserts containing pin contacts - Continued.

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Dimension	Contact size	
	16 (mm)	20 (mm)
A (mm)	.157 ± .025 (3.99 ± 0.63)	.400 ± .025 (10.16 ± 0.65)
B (mm)	.057 ± .025 (1.45 ± 0.63)	

Inches	mm	Inches	mm	Inches	mm
.010	0.25	.045	1.14	.656	16.66
.015	0.38	.094	2.39	.700	17.78
.016	0.41	.156	3.96	1.062	26.97
.020	0.51	.188	4.78	1.135	28.83
.025	0.64	.344	8.74	1.693	43.00
		.438	11.13	1.750	44.45

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerance is $\pm .005$ (0.13 mm).

FIGURE 2. Type JS, class M large flange male receptacles.

MIL-DTL-21617/21

REQUIREMENTS:

Dimensions and configurations: See figures 1 and 2.

Reference material: See MIL-DTL-21617.

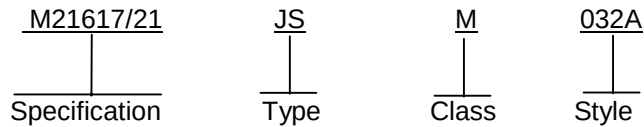
Service rating: Contacts 1 through 6 service rating D, all others service rating A, see MIL-DTL-21617.

Test gage details: For contact size 16 see MIL-DTL-21617 appendix.

Mating connector: See MIL-DTL-21617/19.

Contacts: Contacts shall be in accordance with MIL-DTL-21617.

Part or Identifying Number (PIN): PIN example as follows:



Type: JS - Receptacle, pressurized type.

Class: M - Male, inserts containing pin contacts.

Style: 032A - Contacts 1 through 6 size 16, all others size 20.

Supersession data: Old PIN JSM032A.

CONCLUDING MATERIAL

Custodians:

Army – CR
Navy - EC
DLA – CC

Preparing activity:

DLA - CC

(Project 5935-4335-021)

Review activities:

Army - AV, MI