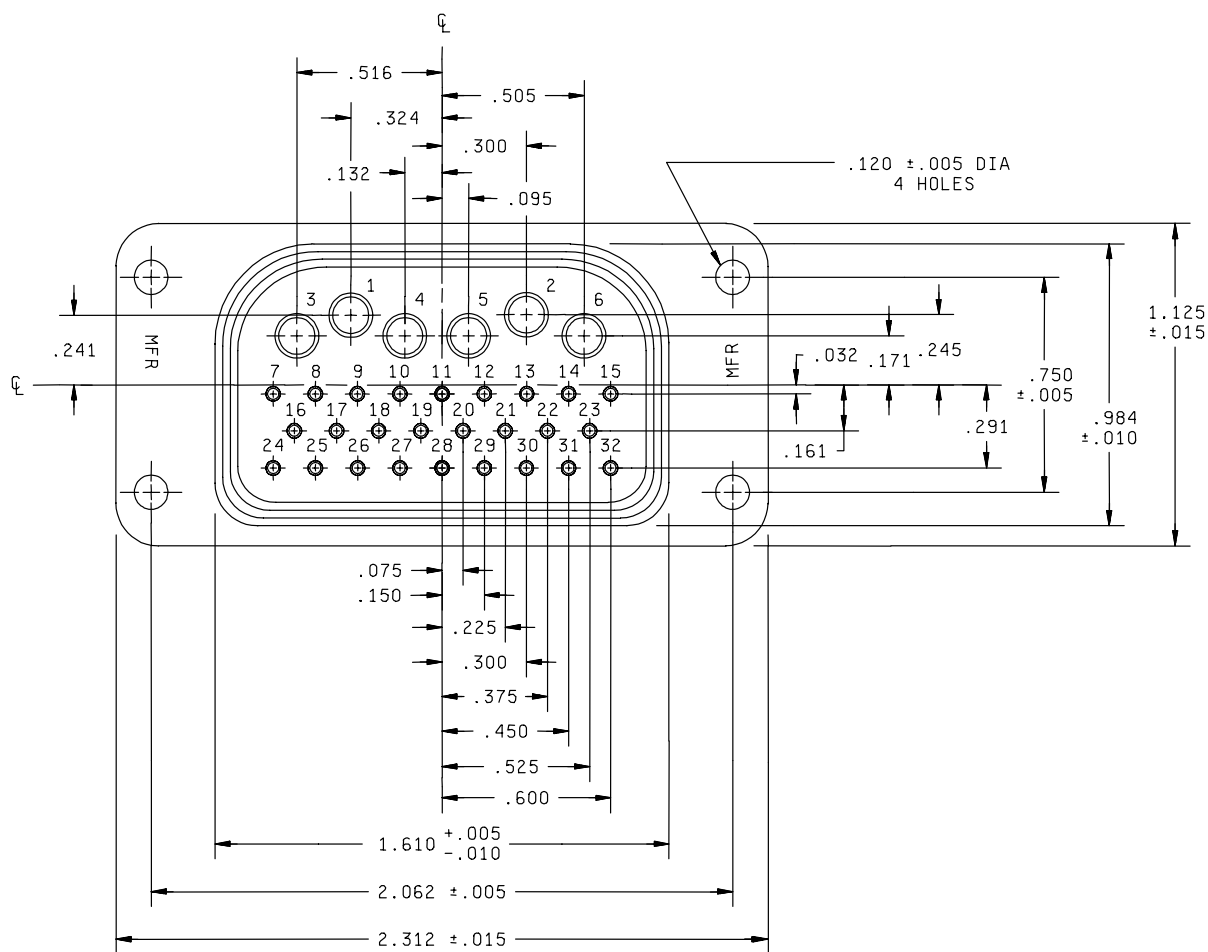


DETAIL SPECIFICATION SHEET

CONNECTOR, FEMALE PLUG ELECTRICAL, RECTANGULAR,
POLARIZED SHELL, MINIATURE TYPE, SOCKET CONTACTS
(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

FIGURE 1. Type P, class F inserts containing socket contacts.

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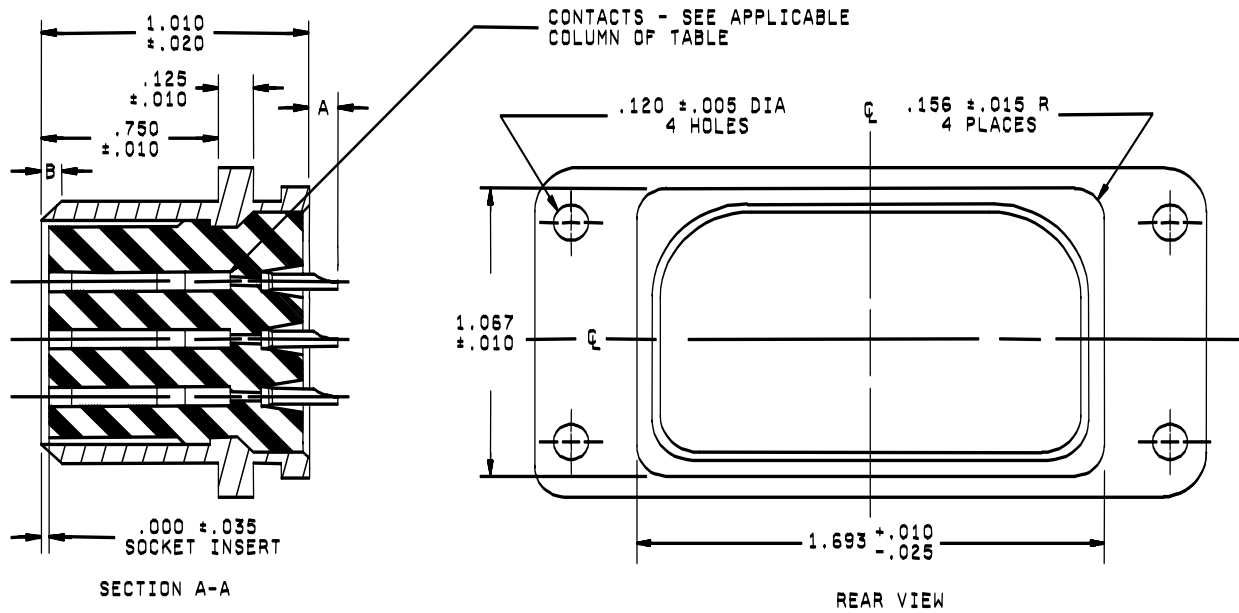
Inches	mm	Inches	mm	Inches	mm	Inches	mm
.005	0.13	.132	3.35	.291	7.39	.525	13.34
.010	0.25	.150	3.81	.300	7.62	.600	15.24
.015	0.38	.161	4.09	.324	8.23	.750	19.05
.032	0.81	.171	4.34	.375	9.53	.984	25.00
.075	1.91	.225	5.72	.450	11.43	1.125	28.58
.095	2.41	.241	6.12	.505	12.83	1.610	40.89
.120	3.05	.245	6.22	.516	13.11	2.062	52.37
						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 P, class F inserts containing socket 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
.005	0.13	.120	3.05
.010	0.25	.125	3.18
.015	0.38	.156	3.96
.020	0.51	.750	19.06
.025	0.64	1.010	25.65
.035	0.89	1.067	27.10
		1.693	43.00

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 2. Type P, class F large flange female receptacles.

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REQUIREMENTS:

Dimensions and configurations: See figures 1 and 2.

Reference material: See MIL-DTL-21617.

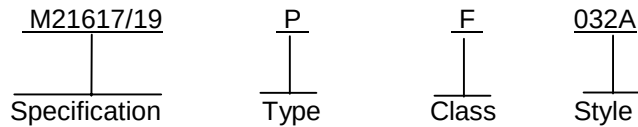
Service rating: Contacts 1 through 6 service rating D, all others service rating A, see MIL-DTL-21617.

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

Mating connector: See MIL-DTL-21617/20 and /21.

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

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



Type: P - Plug

Class: F - Female, insert containing socket contacts.

Style: 032A - Contacts 1 through 6 size 16, remainder of contacts size 20.

Supersession data: Old PIN PF032A.

CONCLUDING MATERIAL

Custodians:

Army – CR
Navy - EC
DLA – CC

Preparing activity:

DLA - CC

(Project 5935-4335-019)

Review activities:

Army - AV, MI