

DETAIL SPECIFICATION SHEET

CONNECTOR, FEMALE PLUG ELECTRICAL, RECTANGULAR, POLARIZED SHELL, MINIATURE TYPE, SOCKET CONTACTS (STYLE 017A)

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.

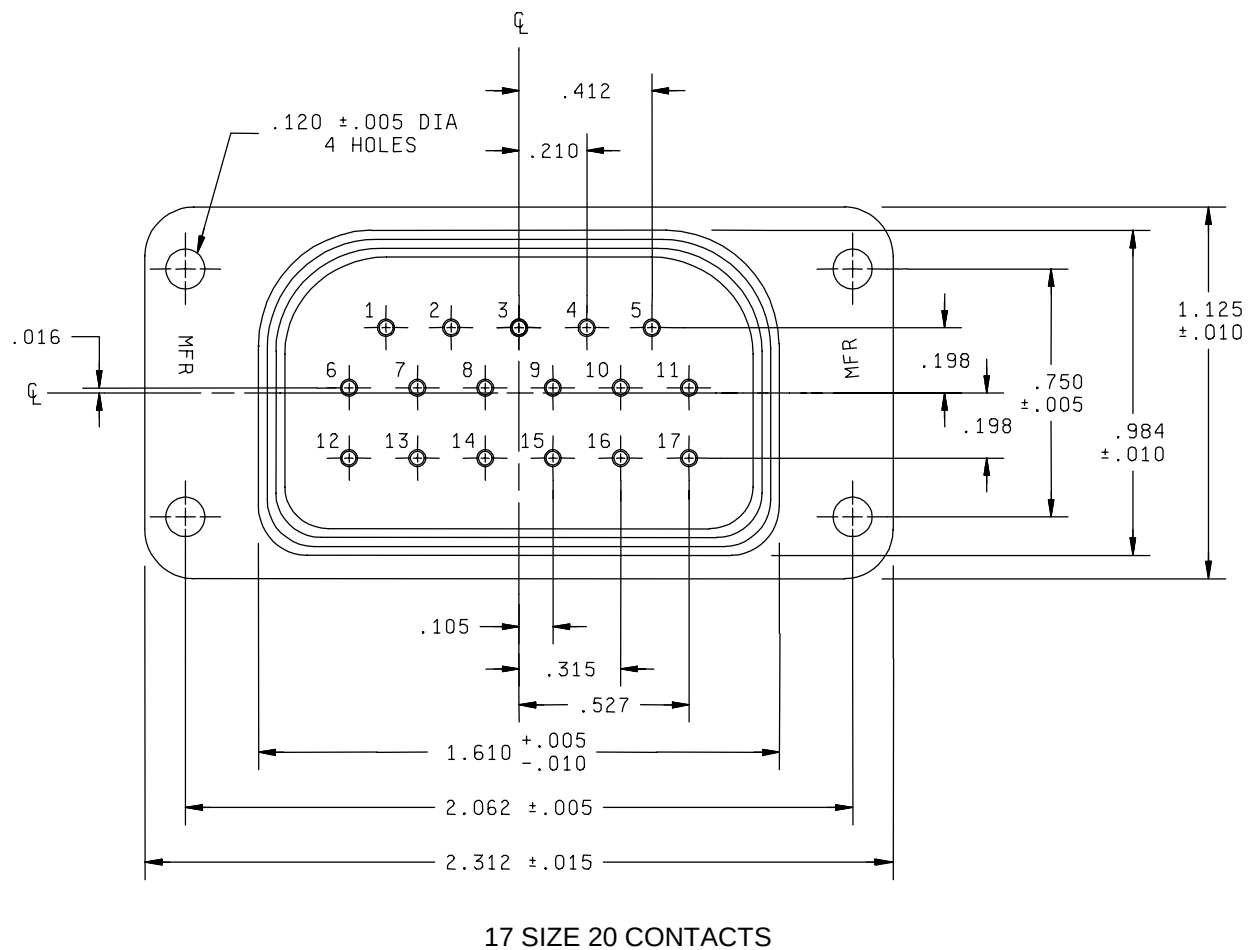


FIGURE 1. Type P, class F inserts containing socket contacts.

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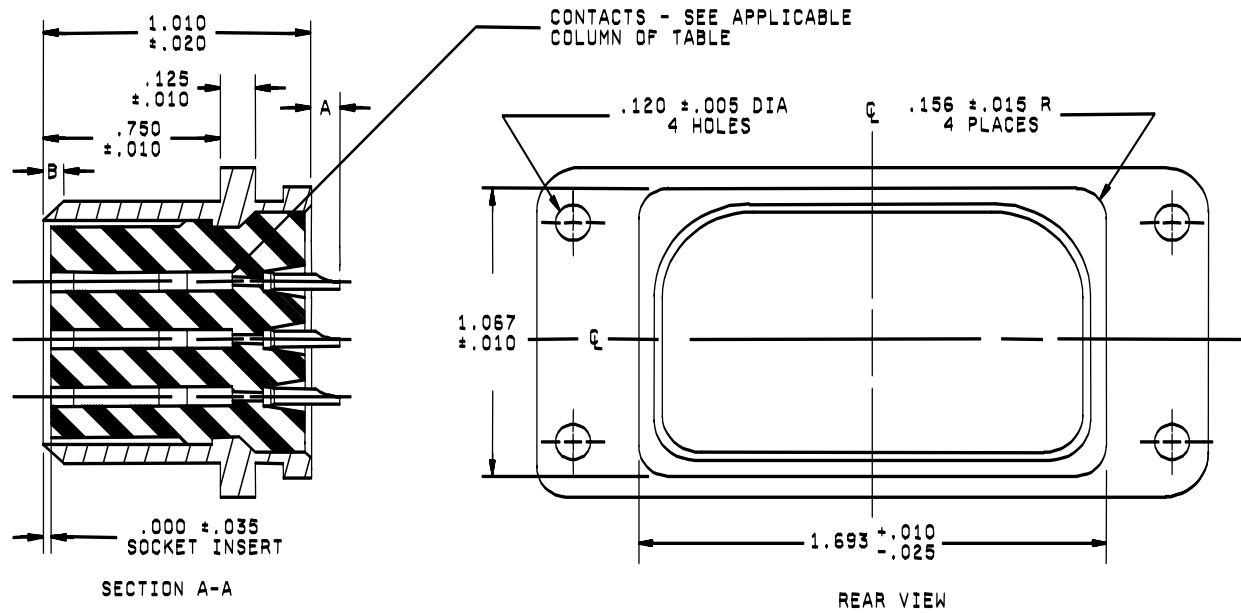
Inches	mm	Inches	mm	Inches	mm
.005	0.13	.120	3.05	.750	19.05
.010	0.25	.198	5.03	.984	25.00
.015	0.38	.210	5.33	1.125	28.58
.016	0.41	.315	8.00	1.610	40.89
.105	2.67	.412	10.46	2.062	52.37
		.527	13.39	2.312	58.72

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
	20 (mm)
A (mm)	.400 ±.025 (10.16 ±0.63)
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 receptacle.

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REQUIREMENTS:

Dimensions and configurations: See figures 1 and 2.

Reference material: See MIL-DTL-21617.

Service rating: D (see MIL-DTL-21617).

Mating connector: See MIL-DTL-21617/11 and /12.

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

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

<u>M21617/10</u>	<u>P</u>	<u>F</u>	<u>017A</u>
Specification	Type	Class	Style

Type: P - Plug

Class: F - Female, insert containing socket contacts.

Style: 017A - Contacts size 20.

Supersession data: Old PIN PF017A.

CONCLUDING MATERIAL

Custodians:

Army – CR

Navy - EC

DLA – CC

Preparing activity:

DLA - CC

(Project 5935-4335-010)

Review activities:

Army - AV, MI