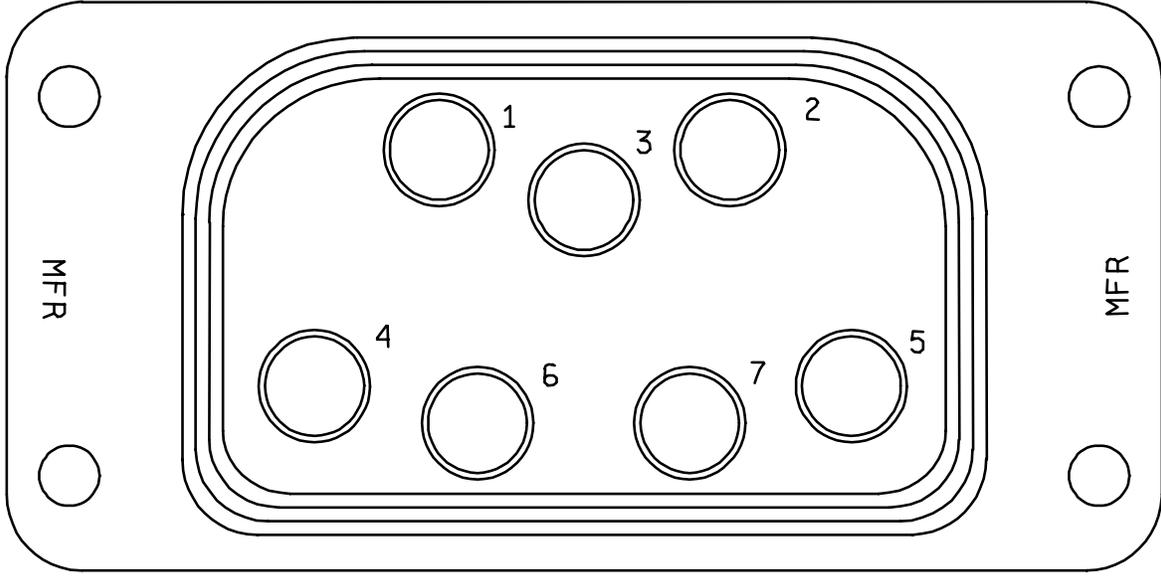


DETAIL SPECIFICATION SHEET

CONNECTOR, FEMALE PLUG ELECTRICAL, RECTANGULAR,  
POLARIZED SHELL, MINIATURE TYPE, SOCKET COAXIAL CONTACTS  
(STYLE 007C)

This specification is approved for use by all Departments and Agencies of the Department of Defense.

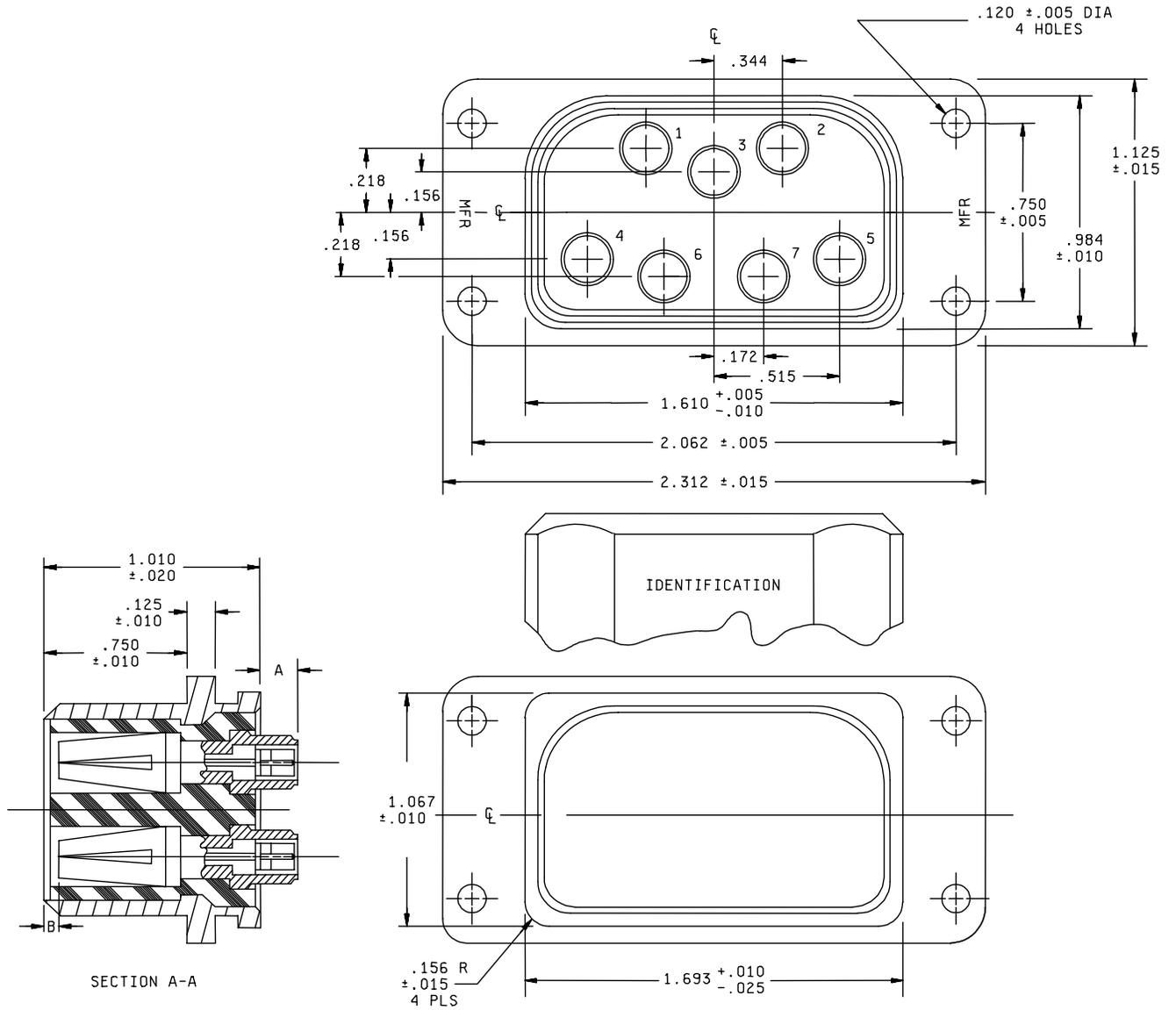
The requirements for acquiring the product described herein shall consist of this specification and MIL-DTL-21617.



7 SIZE 8 COAXIAL

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

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Style	Coax size	Quantity	Solder well		Dimensions	
			Diameter	Inches	A (mm)	B (mm)
007	8	7	.046 ± .005 (1.17 ± 0.13)	.210 +.040 -.025 (5.33 +1.02 -0.64)	.230 ± 0.45 (5.84 ± 1.14)	.070 ± .035 (1.78 ± 0.89)

FIGURE 2. Type P, class F, 7 size 8 coaxial socket contacts.

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Inches	mm	Inches	mm	Inches	mm	Inches	mm
.005	0.13	.120	3.05	.344	8.74	1.067	27.10
.010	0.25	.125	3.18	.515	13.08	1.125	28.58
.015	0.38	.156	3.96	.750	19.05	1.610	40.89
.020	0.51	.172	4.37	.984	24.99	1.693	43.00
.025	0.64	.218	5.54	1.010	25.65	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  $\pm 0.005$  (0.13 mm).
4. See table for coaxial socket contact dimensions.

FIGURE 2. Type P, class F, 7 size 8 coaxial socket contacts - Continued.

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REQUIREMENTS:

Dimensions and configurations: See figures 1 and 2.

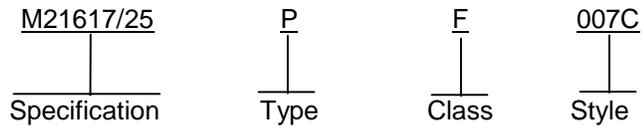
Reference material: See MIL-DTL-21617.

Service rating: N/A.

Mating connector: See MIL-DTL-21617/23 and /24.

Coaxial contact plating: Contact plating 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: 007C - Contacts 7 size 8 coaxial.

Supersession data: Old PIN PF007C.

CONCLUDING MATERIAL

Custodians:  
Army – CR  
Navy - EC  
DLA – CC

Preparing activity:  
DLA - CC

(Project 5935-4335-025)

Review activities:  
Army - AV, MI