



**DEFENSE LOGISTICS AGENCY
WEAPONS SUPPORT
P.O. BOX 3990
COLUMBUS, OHIO 43218-3990**

July 24, 2026

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

**SUBJECT: Initial Drafts of: MIL-DTL-21617/27 Amd 1 and MIL-DTL-21617/28 Amd 1
Project Numbers: 5935-2026-044 and 5935-2026-045**

These initial drafts for these subject documents, are now available for viewing and downloading from the DLA Weapons Support (Columbus)-VA Web site:

<https://landandmaritimeapps.dla.mil/programs/milspec/default.aspx>

Major changes to these documents include: Remove cancelled reference MIL-DTL-26518C and add reference to MIL-DTL-83733 for new design. Update all else per MIL-STD-961.

Concurrence or comments are required at this Center within 30 days from the date of this letter. Late comments will be held for the next coordination of the document. Comments from military departments must be identified as either "Essential" or "Suggested". Essential comments must be justified with supporting data. Military review activities should forward comments to their custodians of this office, as applicable, in sufficient time to allow for consolidating the department reply. Lack of response to this draft will be construed as concurrence.

If these documents are of interest to you, please provide your comments or suggested changes. The point of contact for this document is Ed Pfeifer, phone number 614-693-3034, e-mail Eddie.Pfeifer@dlamail, or may be mailed via the US Postal Service to DLA WEAPONS SUPPORT, ATTN: VAI (Attention: Ed Pfeifer), P.O. Box 3990, Columbus, OH 43218-3990.

Sincerely,

-/Signed/-
MUHAMMAD AKBAR
Acting Chief,
Interconnection Branch

NOTE: This draft, dated 24 July 2026 prepared by DLA-CC, has not been approved and is subject to modification. DO NOT USE PRIOR TO APPROVAL. (Project 5935-2026-045)

INCH-POUND

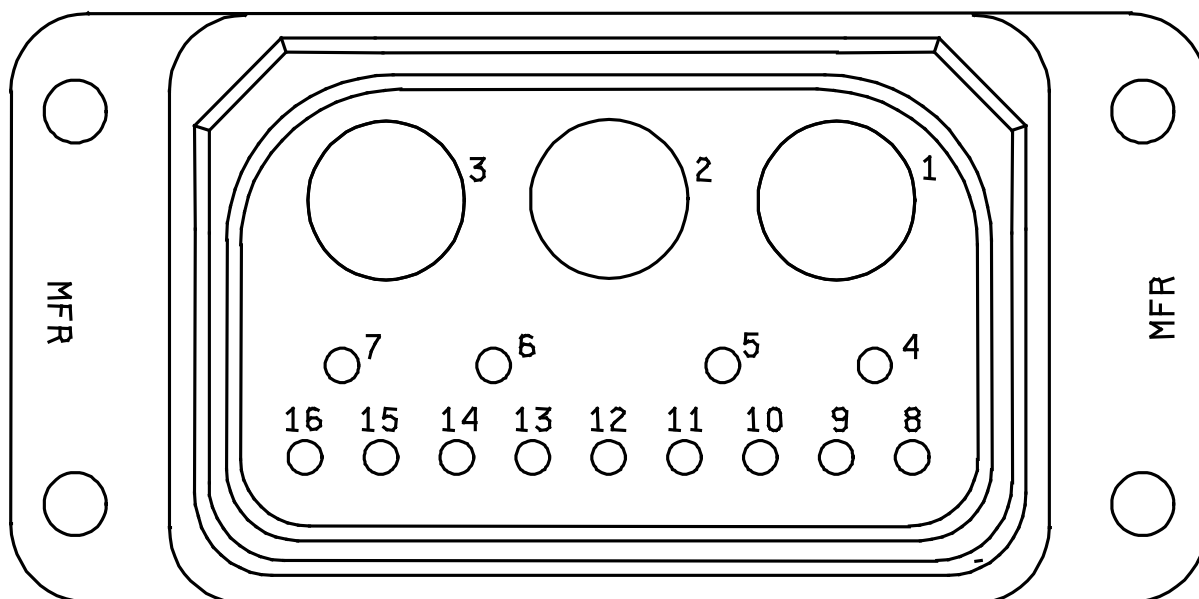
MIL-DTL-21617/28
w/AMENDMENT 1
DRAFT
SUPERSEDING
MIL-DTL-21617/28
24 July 2003

DETAIL SPECIFICATION SHEET

CONNECTOR, MALE RECEPTACLE ELECTRICAL, RECTANGULAR,
POLARIZED SHELL, MINIATURE TYPE, MIXED PIN CONTACTS
(STYLE 016C)

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.

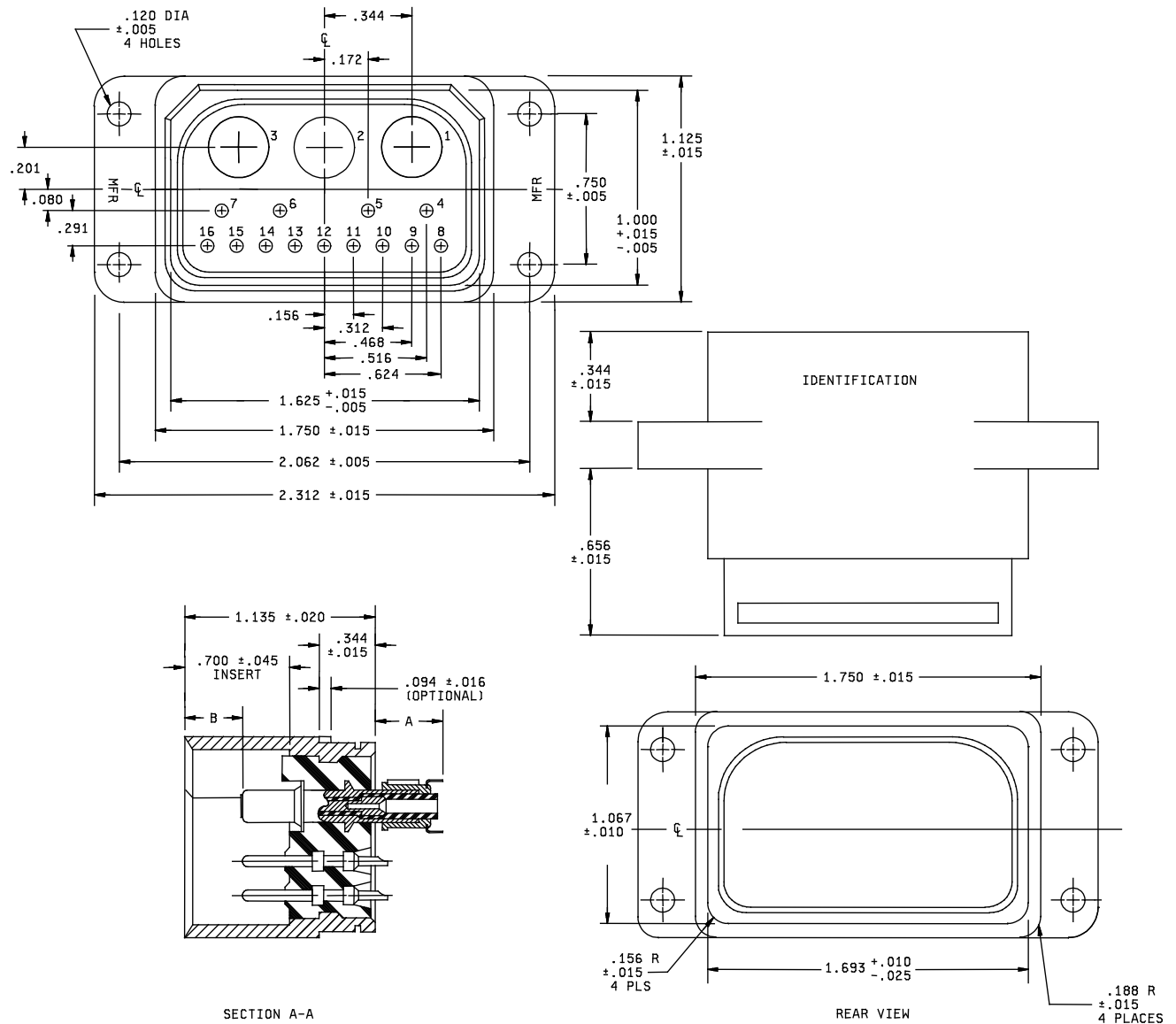


CONTACTS
3 SIZE 8 COAXIAL
13 SIZE 20

FIGURE 1. Type P, class F inserts containing mixed pin contacts.



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Style	Size	Location	Quantity	Solder well		Dimensions	
				Diameter (mm)	Depth (mm)	A (mm)	B (mm)
016C	Coax size 8	1, 2, 3	4	.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)
	20	4 through 16	13	----	----	.480 ± .045 (12.19 ± 0.45)	.070 ± .035 (1.78 ± 0.89)

FIGURE 1. Type P, class F inserts containing mixed pin contacts - Continued.

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Inches	mm	Inches	mm	Inches	mm	Inches	mm
.005	0.13	.094	2.39	.344	8.74	1.067	27.10
.010	0.25	.120	3.05	.468	11.89	1.125	28.58
.015	0.38	.156	3.96	.516	13.11	1.135	28.83
.016	0.41	.172	4.37	.624	15.85	1.625	41.28
.020	0.51	.188	4.78	.656	16.66	1.693	43.00
.025	0.64	.201	5.11	.700	17.78	1.750	44.45
.045	1.14	.291	7.39	.750	19.05	2.062	52.37
.080	2.03	.312	7.92	1.000	25.40	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).
4. Contact numbers 1 through 3 shall use size 8 coaxial contacts. All others shall use size 20 contacts.

FIGURE 1. Type P, class F inserts containing mixed pin contacts - Continued.

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REQUIREMENTS:

Dimensions and configurations: See figure 1.

Reference material: See MIL-DTL-21617.

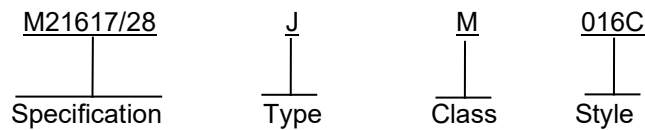
Service rating: Contacts 1, 2, and 3 service rating D, all other shall have service rating A, (see MIL-DTL-21617).

Mating connector: See MIL-DTL-21617/23 and /27.

Contacts: Shall be in accordance with ~~MIL-DTL-26548~~ **MIL-DTL-83733 for new design**, except as specified herein.

Coaxial contact plating: Contact plating shall be in accordance with MIL-DTL-21617.

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



Type: J - Receptacle.

Class: M - Male, inserts containing pin contacts.

Style: 016C - Contacts 3 size 8 coaxial, and 13 size 20 contacts.

Supersession data: Old PIN JM016C.

CONCLUDING MATERIAL

Custodians:

Army – CR

Navy - EC

DLA – CC

Preparing activity:

DLA - CC

(Project 5935-2026-045)

Review activities:

Army - AV, MI