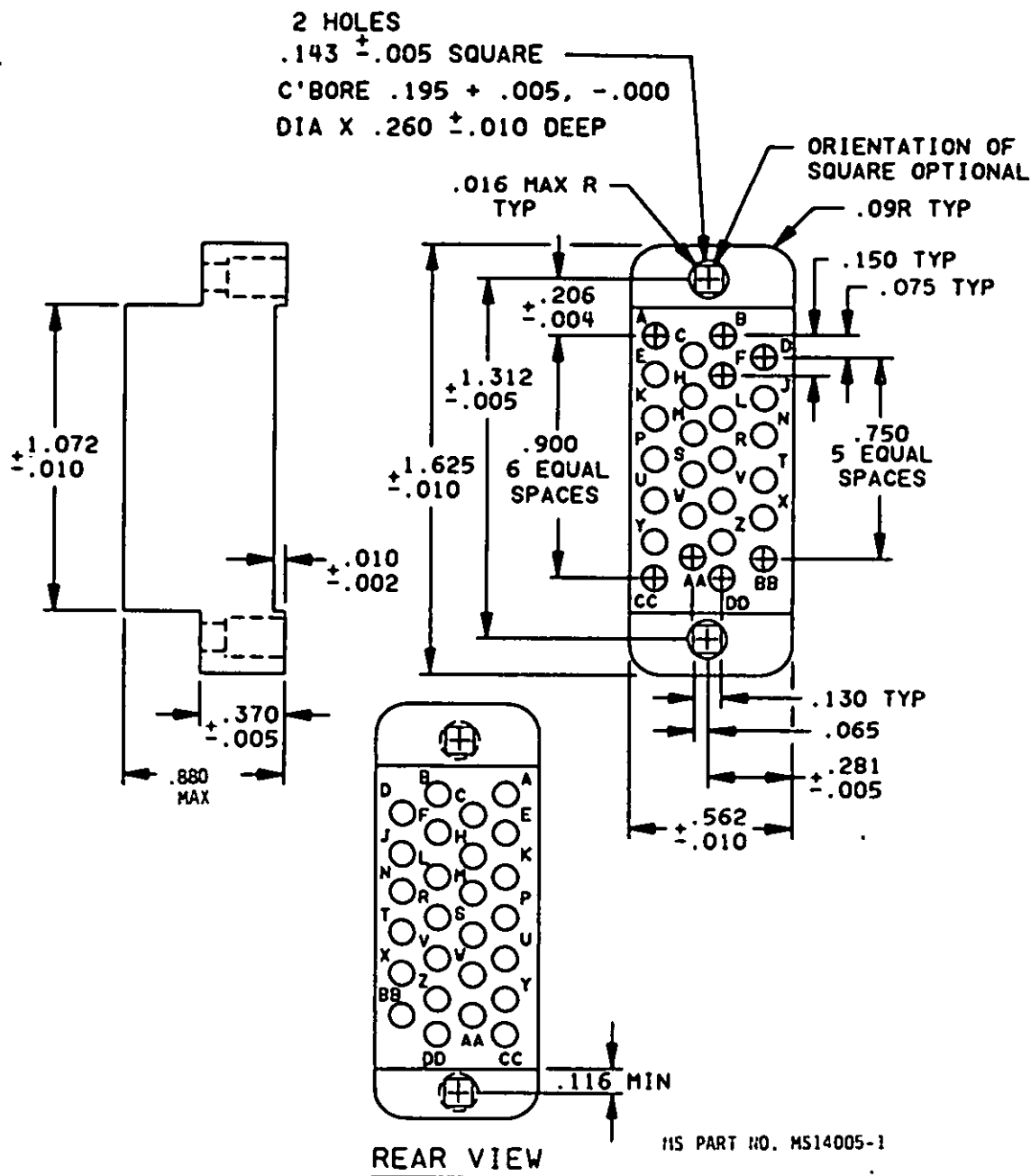


FED. SUP CLASS  
5935User activities:  
Army - ME, AM, AR  
Navy - MC, OS, SH, YD  
Air Force -Army - MJ, AT  
Navy - AS  
Air Force -Review activities  
DLA-ES1 Departments and Agencies of the  
Department of Defense. Selection for all new  
engineering and design applications  
and for repetitive use shall be made from this  
document when applicable.This document is approved for use by  
the Department of Defense. Selection for all new  
engineering and design applications  
and for repetitive use shall be made from this  
document when applicable.

DESIGN STANDARD FOR USE WITH MIL-C-28748/4

① denotes changes

P.A. Navy - EC

International  
Interchangeability

John Cox AF-85

Army - CR

TITLE

Insert (insulator) rectangular connector,  
electrical, 26 (size 16, 20 crimp removable)  
socket contacts

MILITARY STANDARD

MS14005

Previous and Specification

MIL-C-28748

SUPERSEDES

PAGE 1

OF 2

DD FORM 672

(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5935-3480-4

APPROVED 7 March 1969 REVISED ① 18 March 1985

FED. SUP CLASS  
5935User activities: Army - ME, AM, AR  
Navy - MC, OS, SH, YD  
Air Force -Review activities: Army - MI, AT  
Navy - AS  
Air Force - 11, 99  
DLA-ES

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INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.002	.05	.075	1.91	.195	4.95	.750	19.05
.004	.10	.09	2.29	.206	5.23	.856	21.74
.005	.13	.116	2.95	.260	6.60	.900	22.86
.010	.25	.130	3.30	.281	7.14	1.072	27.24
.016	.41	.143	3.63	.370	9.40	1.312	33.32
.065	1.65	.150	3.81	.562	14.27	1.625	41.28

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are  $\pm 0.02$  (0.51 mm) for two place decimals and  $\pm 0.015$  (0.38 mm) for three place decimals.
4. Tolerance between any two adjacent contact centers shall be  $\pm 0.004$  (0.10 mm). Tolerance between any two contact centers, other than adjacent contacts, shall be  $\pm 0.006$  (0.15 mm).
5. Contact hole details shall be in accordance with MIL-C-28748.
6. Contact identification may be located on either side of the contact hole but shall appear on the front and rear face of each insert.
- ⑦ 7. Designed for use with MIL-C-39029/35 contacts.
8. The maximum insertion and withdrawal force (connector assembly) shall be 11.5 pounds.
9. Insert material shall be in accordance with MIL-C-28748.
10. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
11. Referenced documents shall be of the issue in effect on date of invitation for bid.

APPROVED 7 March 1969  
REVISED (A) 20 May 1970 (B) 23 June 1972 (C) 2 August 1982 (D) FOR CHANGES SEE PAGE 2 OF 2

P.A Navy - EC	International interest	TITLE	MILITARY STANDARD
Other Cust AF - 85		Insert (insulator) rectangular connector, electrical, 26 (size 16, 20 crimp removable) socket contacts	
Army - CR			MS14005
Procurement Specification MIL - C - 28748		SUPERSEDES:	PAGE 2 OF 2