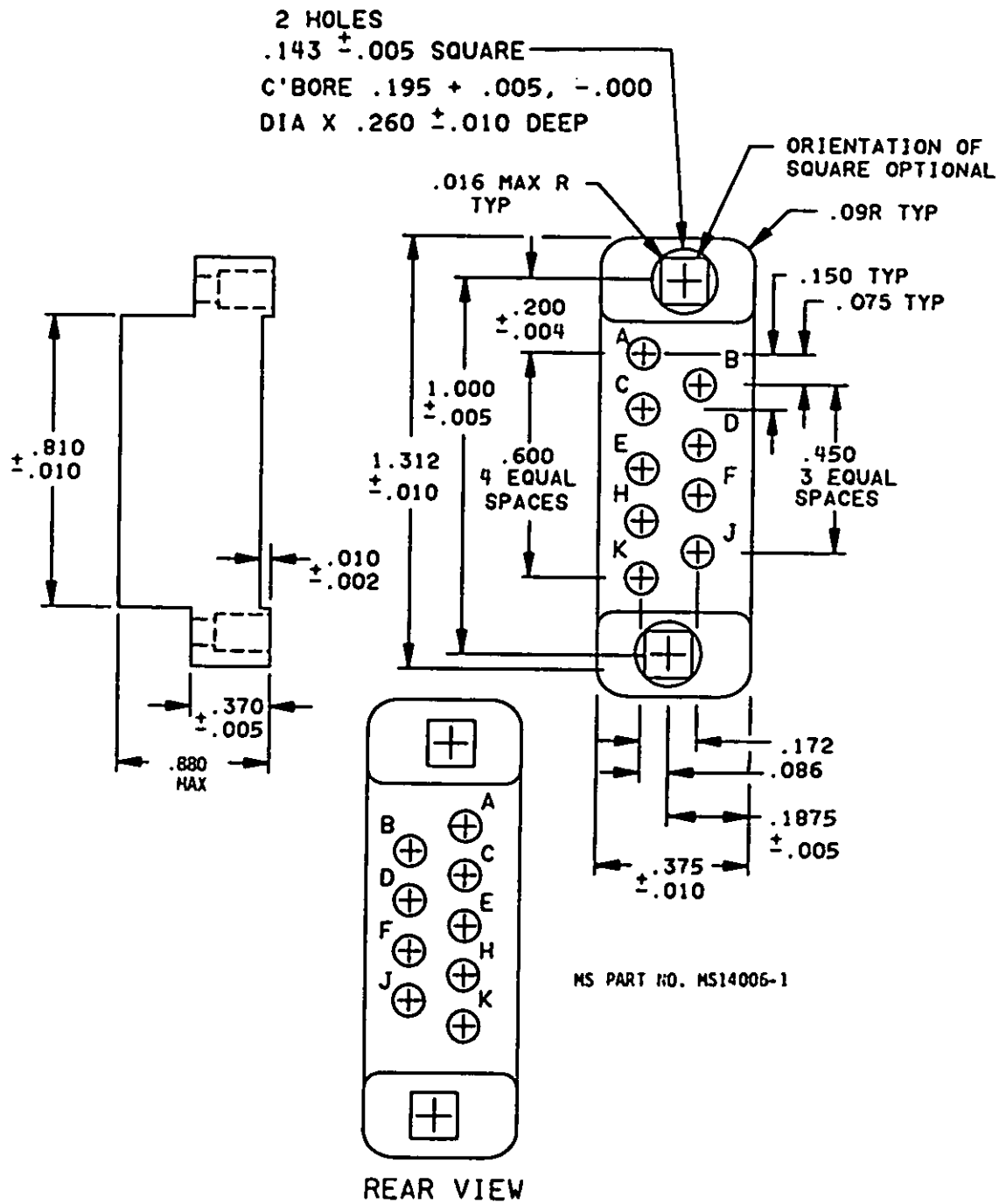


FED. SUP CLASS  
5935

User activities: Army - ME, AM, AR  
 Navy - MC, OS, SH, YD  
 Air Force -  
 DLA-ES  
 Review activities: Army - HI, AT  
 Navy - AS  
 Air Force -  
 DLA-ES

This military standard is approved for use by all 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.



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

Ⓓ denotes changes

P.A Navy - EC	International Interpret	TITLE Insert (insulator) rectangular connector, electrical, 9 (size 16, 20 crimp removable) socket contacts	MILITARY STANDARD	
Other Cus. AF-85 Army - CR			MS14006	
Procurement Specification MIL-C-28748		SUPERSEDES:	PAGE 1 OF 2	

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 - II, 99  
DLA-ES

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INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.002	.05	.086	2.18	.195	4.95	.600	15.24
.004	.10	.09	2.29	.200	5.08	.810	20.57
.005	.13	.143	3.63	.260	6.60	.856	21.74
.010	.25	.150	3.81	.370	9.40	1.000	25.40
.016	.41	.172	4.37	.375	9.53	1.312	33.32
.075	1.91	.1875	4.76	.450	11.43		

## NOTES:

- Dimensions are in inches.
- Metric equivalents are given for general information only.
- 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.
- 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).
- Contact hole details shall be in accordance with MIL-C-28748.
- Contact identification may be located on either side of the contact hole but shall appear on the front and rear face of each insert.
- Designed for use with MIL-C-39029/35 contacts.
- The maximum insertion and withdrawal force (connector assembly) shall be 11.5 pounds.
- Insert material shall be in accordance with MIL-C-28748.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- 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) SEE PAGE 2 FOR CHANGES

P.A. Navy - EC	International Interest	TITLE	MILITARY STANDARD
Other Cost AF- 85		Insert (insulator) rectangular connector, electrical, 9 (size 16, 20 crimp removable) socket contacts	MS 1400 6
Army - CR		SUPERSEDES:	PAGE 2 OF 2
Procurement Specification MIL-C-28748			