

User activities: Army - ME, AM, AR
Navy - MC, OS
Air Force -
DLA - ES

Review activities: Army - MI, AT
Navy - AS, SH
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.

		<p>VIEW A: WITH GUIDE PINS</p>		<p>VIEW B: WITH FIXED JACKSCREWS</p>	
(C) DENOTES CHANGE					
P.A. Navy - EC Other Cust AF - 85 Army - CR		International Interest		TITLE CONNECTOR, RECTANGULAR, ELECTRICAL RACK AND PANEL 7 SIZE 22 SOLDER PIN CONTACTS	
Procurement Specification MIL-C-28748		SUPERSEDES:		MILITARY STANDARD MS14014	
DD FORM 1 MAY 73 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.				5935-3135-3	

APPROVED 20 May 1970
REVISED (B) 3 APR 78
(C) 28 JAN 80

FED. SUP CLASS
5935

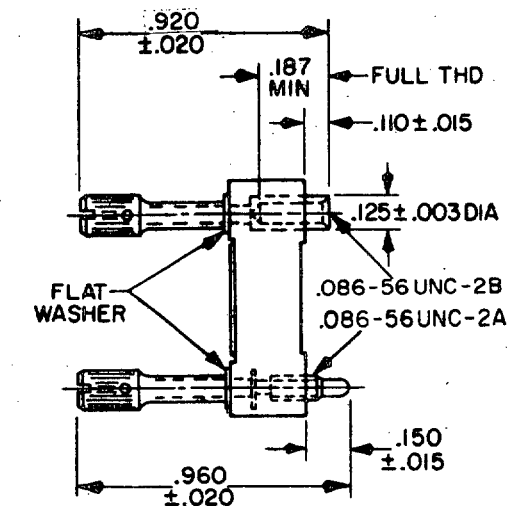
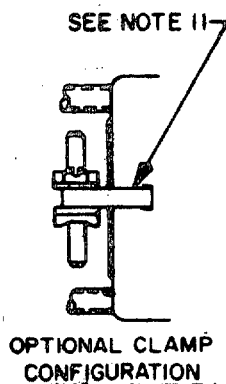
PAGE 1 OF 3

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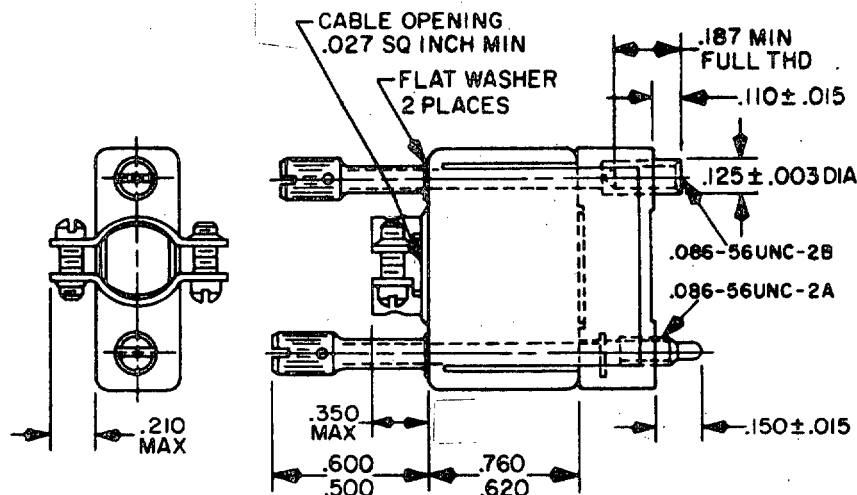
11, 99

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VIEW C: WITH SHORT TURNABLE JACKSCREWS



VIEW D: WITH LONG TURNABLE JACKSCREWS AND SHIELD

P.A. Navy - EC	International Interest	TITLE CONNECTOR, RECTANGULAR, ELECTRICAL RACK AND PANEL 7 SIZE 22 SOLDER PIN CONTACTS	MILITARY STANDARD
Other Cust AF - 85 Army - CR			MSI4014
Procurement Specification MIL-C-28748		SUPERSEDES:	PAGE 2 OF 3

DD FORM 672
1 MAY 73

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INCHES	MM	INCHES	MM	INCHES	MM
.003	.08	.090	2.29	.250	6.35
.004	.10	.105	2.67	.282	7.16
.005	.13	.109	2.77	.350	8.89
.008	.20	.110	2.79	.500	12.70
.010	.25	.125	3.18	.562	14.27
.015	.38	.140	3.56	.585	14.86
.02	.5	.145	3.68	.600	15.24
.020	.51	.150	3.81	.620	15.75
.027	.69	.187	4.75	.625	15.88
.0405	1.029	.200	5.08	.760	19.30
.047	1.19	.21	5.3	.78	19.8
.078	1.98	.210	5.33	.920	23.37
.081	2.06	.244	6.20	.960	24.38

DESIGN STANDARD FOR USE WITH MIL-C-28748/7.

NOTES:

- Dimensions are in inches.
- Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
- Dimensions and configuration shall be in accordance with the above figure.
- Unless otherwise specified, tolerances are ± 0.02 (.5 mm) for two place decimals and ± 0.015 (.38 mm) for three place decimals.
- Tolerance between any two adjacent contact centers shall be ± 0.004 (.10 mm). Tolerance between any two contact centers, other than adjacent contacts, shall be ± 0.006 (.15 mm).
- Contact letter identification may be located on either side of the contact hole. All letters shall appear on the front and rear face of each insert.
- Inserts shall be used with guide pin assemblies or jackscrew assemblies.
- Insert material: Shall be in accordance with MIL-C-28748.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Reference documents shall be of the issue in effect on date of invitation for bid.
- Cable clamp configuration has optional mounting method.
- Material for jackscrews and guidepins: Corrosion resistance steel per specification QQ-S-763 or ASTM-A582, class 302, 303, 303SE, 304, or 316 except knobs, washers, and spacers shall be either aluminum alloy or corrosion resistance steel. Finish for jackscrews and guidepins: Passivated per QQ-P-35 except knobs, washers, and spacers shall be passivated or anodized.

P.A Navy - EC

International
Interest

TITLE

CONNECTOR, RECTANGULAR, ELECTRICAL
RACK AND PANEL 7 SIZE 22 SOLDER PIN
CONTACTS

MILITARY STANDARD

MS14014

Procurement Specification
MIL-C-28748

SUPERSEDES:

PAGE 3 OF 3

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5935-3136-3

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