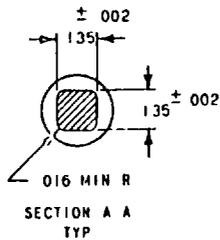
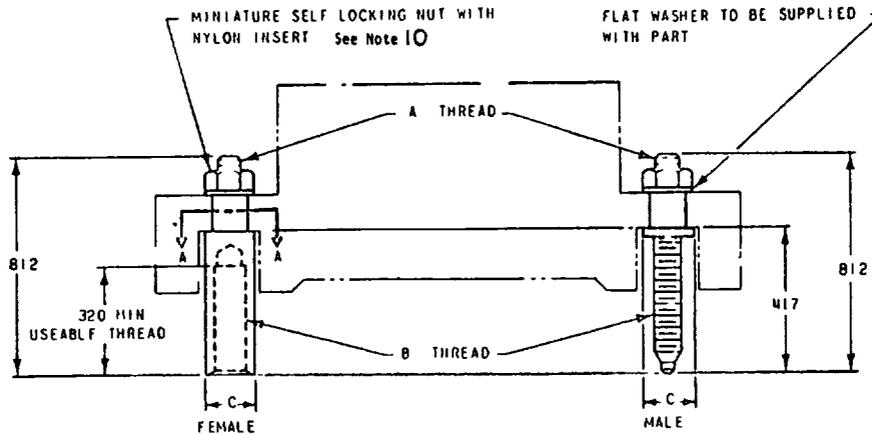


FED SUP CLASS
6935

DESIGN STANDARD FOR USE WITH MIL-C-28748 CONNECTORS



INCHES	MM
.002	.05
.016	.41
.135	3.43
.190	4.83
.225	5.72
.320	8.13
.417	10.57
.812	20.62

FIGURE 1

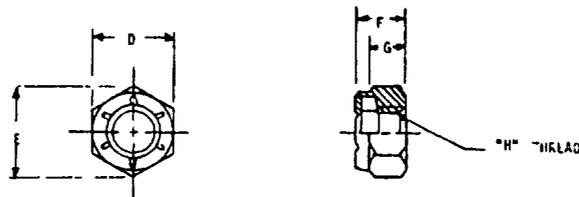


FIGURE 2

(E) denotes changes

User activities.
Army ME, AM, WC
Navy MC, OS
Air Force 11

Reviewer activities
Army MI, AT
Navy AS, SH
Air Force 11

This military standard is mandatory 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.

APPROVED 20 Dec 1965 REVISED (A) 15 Feb 1968 (B) 4 April 1969 (C) 1 May 1969 (D) 20 May 1970 (E) 3 Jun 1972

P A Navy - EC Other Cust AF-80 Army - EL	International interest	TITLE	MILITARY STANDARD
		Jack screw, electrical, connector, male and female, fixed	MS 18196
Procurement Specification MIL-D-28748		SUPERSEDES:	Page 1 OF 2

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5935

(E) (E)

MS PART NO	CONNECTOR SIZE (NO OF CONTACTS)	STYLE	A THREAD	B THREAD	C DIA MAX	D	E REF	F	G REF	H THREAD
MS18196-1	7 Thru 75	MALE	4-40 UNC-2A	6-32 UNC-2A	Ø 190	190 181	205	125 195	Ø70	4-40 UNC-3B
MS18196-2	7 Thru 75	FEMALE	4-40 UNC-2A	6-32 UNC-2B	Ø 190	190 181	205	125 195	Ø70	4-40 UNC-3B
MS18196-3	104	MALE	6-32 UNC-2A	8-32 UNC-2A	Ø 225	252 240	275	153 133	Ø81	6-32 UNC-3B
MS18196-4	104	FEMALE	6-32 UNC-2A	8-32 UNC-2B	Ø 225	252 240	275	153 133	Ø81	6-32 UNC-3B

NOTES

- Dimensions are in inches.
- Unless otherwise specified, tolerance is ± 0.016 (.41 mm).
- Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.
- Material: Corrosion resistant steel per specification QQ-S-763 or QQ-S-764 class 302, 303, 303Se, 304 or 316.
- Finish: Passivated per QQ-P-35.
- Lubricant: Solid film lubricant on 'B' threads, conforming to MIL-L-46010.
- Jackscrew may have .005 (.13 mm) minimum vertical float.
- Referenced documents shall be of the issue in effect on date of invitation for bid.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Miniature self locking nut with nylon insert shall be in accordance with figure 2. Material and finish shall be in accordance with notes 4 and 5.
- Patent notices:
 - Patent No. 2,761,108 owned by US Components Incorporated. The Government has a royalty-free license under the above patents for the benefit of manufacturers of the items called for in this military standard, either for the Government or for use in equipment to be delivered to the Government.
 - The Government does not have a royalty-free license under Patent No. 2,746,022, owned by the Continental Connector Corporation, which patent will expire as of 15 May 1973.

☆ U. S. GOVERNMENT PRINTING OFFICE: 1972 714-335/513

P A Navy - EC Other Cust AF-80 Army - EL	International Interest	TITLE	MILITARY STANDARD
		Jackscrew, electrical, connector, male and female, fixed	MS18196
Procurement Specification MIL-G-28748		SUPERSEDES	PAGE 2 OF 2

User activities: Army ME, AM, WC
 Navy MC, NS
 Air Force
 Reviewer activities: Army MI, SH,
 Navy AS, SH,
 Air Force II,
 DSA-ES

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APPROVED 20 DEC '69 REVISED (D) For changes, see page 2 (E) For changes see page 2

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