



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

FED SUP CLASS  
5935

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	205 125 181	205	125 181	Ø70	4-40 UNC-3B
MS18196-2	7 Thru 75	FEMALE	4-40 UNC-2A	6-32 UNC-2B	Ø 190 190 181	205 125 181	205	125 181	Ø70	4-40 UNC-3B
MS18196-3	104	MALE	6-32 UNC-2A	8-32 UNC-2A	Ø 225 252 240	275 153 133	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	275	153 133	Ø81	6-32 UNC-3B

#### NOTES

- Dimensions are in inches.
- Unless otherwise specified, tolerance is  $\pm 0.016$  (.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 714-535/513

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

DD FORM 1 Sep 63 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5935-1822-45

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

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