

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

Reviewer activities: Army ML, AS, SH, AT
Navy AS, SH
Air Force

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.

FED SUP CLASS 5935																																																			
<p style="text-align: center;"><u>ALTERNATE CENTER HOLE CONSTRUCTIONS</u></p>	<table border="1" style="float: right; margin-top: 10px;"> <thead> <tr> <th>INCHES</th> <th>MM</th> </tr> </thead> <tbody> <tr><td>.002</td><td>.05</td></tr> <tr><td>.003</td><td>.08</td></tr> <tr><td>.005</td><td>.13</td></tr> <tr><td>.010</td><td>.25</td></tr> <tr><td>.016</td><td>.41</td></tr> <tr><td>.020</td><td>.51</td></tr> <tr><td>.090</td><td>2.29</td></tr> <tr><td>.110</td><td>2.79</td></tr> <tr><td>.118</td><td>3.00</td></tr> <tr><td>.143</td><td>3.63</td></tr> <tr><td>.151</td><td>3.84</td></tr> <tr><td>.180</td><td>4.57</td></tr> <tr><td>.195</td><td>4.95</td></tr> <tr><td>.235</td><td>5.97</td></tr> <tr><td>.251</td><td>6.38</td></tr> <tr><td>.260</td><td>6.60</td></tr> <tr><td>.31</td><td>7.87</td></tr> <tr><td>.365</td><td>9.27</td></tr> <tr><td>.502</td><td>12.75</td></tr> <tr><td>.5645</td><td>14.34</td></tr> <tr><td>1.129</td><td>28.68</td></tr> <tr><td>1.507</td><td>38.28</td></tr> <tr><td>1.976</td><td>50.19</td></tr> <tr><td>2.289</td><td>58.14</td></tr> </tbody> </table> <p style="text-align: center; margin-top: 10px;">MS Part No. MS18251-1 - Suitable for all applications MS Part No. MS18251-2 - For long jackscrews and hood only (thru hole alternate construction)</p> <p style="text-align: center; margin-top: 10px;">DESIGN STANDARD FOR USE WITH MIL-C-28748/2.</p> <p>NOTES</p> <ol style="list-style-type: none"> 1. Dimensions are in inches. 2. Unless otherwise specified, tolerance is $\pm .015$ (.38 mm). 3. Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm. 4. Tolerance between any two adjacent contact centers shall be $\pm .004$ (.10 mm). Tolerance between any two contact centers, other than adjacent contacts, shall be $\pm .006$ (.15 mm). 5. Contact identification may be located on either side of the contact hole but shall appear on the front and rear of each insert. 6. For design feature purposes, this standard takes precedence over procurement documents referenced herein. 7. Referenced documents shall be of the issue in effect on date of invitation for bid. <p style="text-align: center; margin-top: 10px;">Ⓢ DENOTES CHANGE</p>	INCHES	MM	.002	.05	.003	.08	.005	.13	.010	.25	.016	.41	.020	.51	.090	2.29	.110	2.79	.118	3.00	.143	3.63	.151	3.84	.180	4.57	.195	4.95	.235	5.97	.251	6.38	.260	6.60	.31	7.87	.365	9.27	.502	12.75	.5645	14.34	1.129	28.68	1.507	38.28	1.976	50.19	2.289	58.14
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<p>P A Navy - EC</p> <p>Other Cust AF-80 Army - EL</p> <p>Procurement Specification MIL-C-28748</p>	<p style="text-align: center;">TITLE CONNECTOR, RECTANGULAR, ELECTRICAL, RACK AND PANEL 66, SIZE 16 SOLDER SOCKET CONTACTS</p> <p style="text-align: center;">MILITARY STANDARD MS18251</p> <p style="text-align: center;">SUPERSEDES:</p> <p style="text-align: center;">PAGE 1 OF 1</p>																																																		

APPROVED 14 July 1967 REVISED Ⓢ 20 May 1970 Ⓢ 23 June 1972

SPECIFICATION ANALYSIS SHEET		Form Approved Budget Bureau No 22-R255
INSTRUCTIONS: This sheet is to be filled out by personnel, either Government or contractor, involved in the use of the specification in procurement of products for ultimate use by the Department of Defense. This sheet is provided for obtaining information on the use of this specification which will insure that suitable products can be procured with a minimum amount of delay and at the least cost. Comments and the return of this form will be appreciated. Fold on lines on reverse side, staple in corner, and send to preparing activity. Comments and suggestions submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or serve to amend contractual requirements.		
SPECIFICATION		
ORGANIZATION		
CITY AND STATE	CONTRACT NUMBER	
MATERIAL PROCURED UNDER A <input type="checkbox"/> DIRECT GOVERNMENT CONTRACT <input type="checkbox"/> SUBCONTRACT		
1 HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE? A GIVE PARAGRAPH NUMBER AND WORDING.		
B RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES		
2 COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID		
3 IS THE SPECIFICATION RESTRICTIVE? <input type="checkbox"/> YES <input type="checkbox"/> NO (If "yes", in what way?)		
4 REMARKS (Attach any pertinent data which may be of use in improving this specification. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity)		
SUBMITTED BY (Printed or typed name and activity - Optional)		DATE

DD FORM 1426
1 JAN 66

REPLACES EDITION OF 1 OCT 64 WHICH MAY BE USED

S/N-0102-014-1801

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