

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

Reviewer activities: Army MI, AT
Navy AS, SH
Air Force 11
DSA-ES

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	
--	--	-----------------------	--

4 HOLES
.150 ± .003 DIA THRU
C BORE .234 ± .005, .000
DIA .260 ± .010 DEEP

2 HOLES
.143 ± .005 SQUARE
C BORE .234 ± .005, .000
DIA × .260 ± .010 DEEP

± .005
878

± .005
439 TYP

016 MAX R TYP

.38 ± .02 R TYP
(9.65 ± .51 MM)

075 TYP

151 TYP

1806
12 EQUAL
SPACES

± .005
254

.768 ± .010

± .020
1536

030 TYP

180 TYP

ORIENTATION OF
SQUARE OPTIONAL

.234 ± .005 DIA

USED WITH
MS 18173-1
WASHER .110
THICK

ALTERNATE CENTER
HOLE CONSTRUCTIONS

INCHES	MM
.002	.05
.003	.08
.005	.13
.008	.20
.010	.25
.016	.41
.020	.51
.075	1.91
.090	2.29
.110	2.79
.143	3.63
.150	3.81
.151	3.84
.180	4.57
.234	5.94
.250	6.35
.254	6.45
.260	6.60
.365	9.27
.38	9.65
.439	11.15
.768	19.51
.878	22.30
1.536	39.01
1.806	45.87
2.389	60.68
2.769	70.33

± .008
2389

± .020
2759

± .002
010

± .010
365

250 MAX

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerance is = .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 = .004 (.10 mm). Tolerance between any two contact centers, other than adjacent contacts, shall be = .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.

DESIGN STANDARD FOR USE WITH MIL-C-28748/1.

(B) DENOTES CHANGE

P A Navy - EC	International Interest	TITLE CONNECTOR, RECTANGULAR, ELECTRICAL, RACK AND PANEL 104, SIZE 16 SOLDER PIN CONTACTS	MILITARY STANDARD
Other Cust AF-80 Army - EL			MS 18254
Procurement Specification MIL-C-28748		SUPERSEDES	PAGE 1 OF 1

DD FORM 672

1 Sep 63

(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5935-1822-68

APPROVED 14 July 1967 REVISED (A) 20 May 1970 (B) 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

C-25254

FOLD

DEPARTMENT OF THE NAVY
NAVAL ELECTRONIC SYSTEMS COMMAND
WASHINGTON, D. C. 20360

POSTAGE AND FEES PAID
NAVY DEPARTMENT

OFFICIAL BUSINESS

COMMANDER
NAVAL ELECTRONIC SYSTEMS COMMAND
DEFENSE STANDARDIZATION PROGRAM BRANCH
DEPARTMENT OF THE NAVY
WASHINGTON, D. C. 20360

FOLD