

User activities: Army, AV  
Navy  
Air Force

Reviewer activities: Army, EL, MI, MU  
Navy, EC, SH  
Air Force, 11, 17

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.

FED. SUP CLASS  
5935

DETAIL-B

DETAIL-A

FLANGE RELATIVE TO HOLES EQUAL WITHIN .015 8 PLACES

4 HOLES, H-DIA, LOC AT TP WITHIN .005 DIA AT MMC IN RELATION TO R (MIL-C-26482) DIA AT MMC AND IN RELATION TO THE MASTER KEY AT MMC WITHIN .010 EITHER SIDE OF TP

INTERFERENCE FIT

MASTER KEYWAY

P (TYP)  
SURFACE E

STYLE P  
(PIN INSERT)

REF SHEET 2  
SEE DETAIL-A  
N  
REF SHEET 2  
INSERT  
SEE DETAIL-B  
F  
G

SURFACE E

SEE DETAIL-B  
STYLE S  
(SOCKET INSERT)

S  
S  
PANEL  
PANEL  
FRONT PANEL  
MTG REF  
REAR PANEL  
MTG REF

Classes E, F, J and P receptacles

Size	A Max length side	B (TP) Mtg holes	F +.031 -.000 Mtg flange location	G +.016 Thk mtg flange	H +.005 Dia mtg holes	N UNEF-2A accessory thread	P Min edge dist	R Max ID gasket	S Max
8	.828	.594				.4375-28		.329	
10	.954	.719				.5025-24		.457	
12	1.047	.812				.6875-24		.584	
14	1.141	.906	.431	.062	.120	.8125-20	.035	.689	.087
16	1.234	.969				.9375-20		.814	
18	1.328	1.062				1.0625-18		.907	
20	1.453	1.158				1.1875-18		1.039	
22	1.578	1.250	.556	.094		1.3125-18	.050	1.184	.212
24	1.703	1.373	.589		.147	1.4375-18		1.289	

**NOTES:**

- Dimensions are in inches.
- Packing material shall meet the requirements of MIL-STD-417.
- True position (TP) tolerances specified are in accordance with ANSI Y14.5-1973.
- Interchangeability dimensions shall be in accordance with MIL-C-26482.
- For insert arrangements see MIL-STD-1869.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Referenced documents shall be of the issue in effect on date of invitations for bid.
- Example of part number:

9. NOT FOR AIR FORCE USE. USE MS3470.

(D) FOR CHANGES SEE SHEET 2

P.A Navy - AS	International interest	TITLE CONNECTORS, RECEPTACLE, ELECTRIC, SERIES 1, SOLDER TYPE, WALL MOUNTING, FLANGE, BAYONET COUPLING	MILITARY STANDARD
Other Cust Army - EL AF - 85			MS 3110
Procurement Specification MIL-C-26482		SUPERSEDES:	SHEET 1 OF 2

APPROVED 14 May 59 REVISED (A) 24 Aug 62 (B) 15 Feb 67 (C) 5 SEPT 1975 (D) 19 Aug 76

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Other Cust Army - EL AF - 85						MS 3110	
Procurement Specification MIL-C-26482		SUPERSEDES:				SHEET 2 OF 2	
DD FORM 1 SEP 63 672		(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.				5935-2070-1	

  

CLASS E REF SHEET 1-L		CLASS F REF SHEET 1-L		CLASS J REF SHEET 1-L		CLASS P REF SHEET 1-L	
L	MAX OVER-ALL LENGTH	L	MAX OVER-ALL LENGTH	L	MAX OVER-ALL LENGTH	L	MAX OVER-ALL LENGTH
8	.608	8	.608	8	.608	8	.608
10	.714	10	.714	10	.714	10	.714
12	.820	12	.820	12	.820	12	.820
14	.926	14	.926	14	.926	14	.926
16	1.032	16	1.032	16	1.032	16	1.032
18	1.138	18	1.138	18	1.138	18	1.138
20	1.244	20	1.244	20	1.244	20	1.244
22	1.350	22	1.350	22	1.350	22	1.350
24	1.456	24	1.456	24	1.456	24	1.456
26	1.562	26	1.562	26	1.562	26	1.562
28	1.668	28	1.668	28	1.668	28	1.668
30	1.774	30	1.774	30	1.774	30	1.774
32	1.880	32	1.880	32	1.880	32	1.880
34	1.986	34	1.986	34	1.986	34	1.986
36	2.092	36	2.092	36	2.092	36	2.092
38	2.198	38	2.198	38	2.198	38	2.198
40	2.304	40	2.304	40	2.304	40	2.304
42	2.410	42	2.410	42	2.410	42	2.410
44	2.516	44	2.516	44	2.516	44	2.516
46	2.622	46	2.622	46	2.622	46	2.622
48	2.728	48	2.728	48	2.728	48	2.728
50	2.834	50	2.834	50	2.834	50	2.834
52	2.940	52	2.940	52	2.940	52	2.940
54	3.046	54	3.046	54	3.046	54	3.046
56	3.152	56	3.152	56	3.152	56	3.152
58	3.258	58	3.258	58	3.258	58	3.258
60	3.364	60	3.364	60	3.364	60	3.364
62	3.470	62	3.470	62	3.470	62	3.470
64	3.576	64	3.576	64	3.576	64	3.576
66	3.682	66	3.682	66	3.682	66	3.682
68	3.788	68	3.788	68	3.788	68	3.788
70	3.894	70	3.894	70	3.894	70	3.894
72	4.000	72	4.000	72	4.000	72	4.000
74	4.106	74	4.106	74	4.106	74	4.106
76	4.212	76	4.212	76	4.212	76	4.212
78	4.318	78	4.318	78	4.318	78	4.318
80	4.424	80	4.424	80	4.424	80	4.424
82	4.530	82	4.530	82	4.530	82	4.530
84	4.636	84	4.636	84	4.636	84	4.636
86	4.742	86	4.742	86	4.742	86	4.742
88	4.848	88	4.848	88	4.848	88	4.848
90	4.954	90	4.954	90	4.954	90	4.954
92	5.060	92	5.060	92	5.060	92	5.060
94	5.166	94	5.166	94	5.166	94	5.166
96	5.272	96	5.272	96	5.272	96	5.272
98	5.378	98	5.378	98	5.378	98	5.378
100	5.484	100	5.484	100	5.484	100	5.484
102	5.590	102	5.590	102	5.590	102	5.590
104	5.696	104	5.696	104	5.696	104	5.696
106	5.802	106	5.802	106	5.802	106	5.802
108	5.908	108	5.908	108	5.908	108	5.908
110	6.014	110	6.014	110	6.014	110	6.014
112	6.120	112	6.120	112	6.120	112	6.120
114	6.226	114	6.226	114	6.226	114	6.226
116	6.332	116	6.332	116	6.332	116	6.332
118	6.438	118	6.438	118	6.438	118	6.438
120	6.544	120	6.544	120	6.544	120	6.544
122	6.650	122	6.650	122	6.650	122	6.650
124	6.756	124	6.756	124	6.756	124	6.756
126	6.862	126	6.862	126	6.862	126	6.862
128	6.968	128	6.968	128	6.968	128	6.968
130	7.074	130	7.074	130	7.074	130	7.074
132	7.180	132	7.180	132	7.180	132	7.180
134	7.286	134	7.286	134	7.286	134	7.286
136	7.392	136	7.392	136	7.392	136	7.392
138	7.498	138	7.498	138	7.498	138	7.498
140	7.604	140	7.604	140	7.604	140	7.604
142	7.710	142	7.710	142	7.710	142	7.710
144	7.816	144	7.816	144	7.816	144	7.816
146	7.922	146	7.922	146	7.922	146	7.922
148	8.028	148	8.028	148	8.028	148	8.028
150	8.134	150	8.134	150	8.134	150	8.134
152	8.240	152	8.240	152	8.240	152	8.240
154	8.346	154	8.346	154	8.346	154	8.346
156	8.452	156	8.452	156	8.452	156	8.452
158	8.558	158	8.558	158	8.558	158	8.558
160	8.664	160	8.664	160	8.664	160	8.664
162	8.770	162	8.770	162	8.770	162	8.770
164	8.876	164	8.876	164	8.876	164	8.876
166	8.982	166	8.982	166	8.982	166	8.982
168	9.088	168	9.088	168	9.088	168	9.088
170	9.194	170	9.194	170	9.194	170	9.194
172	9.300	172	9.300	172	9.300	172	9.300
174	9.406	174	9.406	174	9.406	174	9.406
176	9.512	176	9.512	176	9.512	176	9.512
178	9.618	178	9.618	178	9.618	178	9.618
180	9.724	180	9.724	180	9.724	180	9.724
182	9.830	182	9.830	182	9.830	182	9.830
184	9.936	184	9.936	184	9.936	184	9.936
186	10.042	186	10.042	186	10.042	186	10.042
188	10.148	188	10.148	188	10.148	188	10.148
190	10.254	190	10.254	190	10.254	190	10.254
192	10.360	192	10.360	192	10.360	192	10.360
194	10.466	194	10.466	194	10.466	194	10.466
196	10.572	196	10.572	196	10.572	196	10.572
198	10.678	198	10.678	198	10.678	198	10.678
200	10.784	200	10.784	200	10.784	200	10.784
202	10.890	202	10.890	202	10.890	202	10.890
204	10.996	204	10.996	204	10.996	204	10.996
206	11.102	206	11.102	206	11.102	206	11.102
208	11.208	208	11.208	208	11.208	208	11.208
210	11.314	210	11.314	210	11.314	210	11.314
212	11.420	212	11.420	212	11.420	212	11.420
214	11.526	214	11.526	214	11.526	214	11.526
216	11.632	216	11.632	216	11.632	216	11.632
218	11.738	218	11.738	218	11.738	218	11.738
220	11.844	220	11.844	220	11.844	220	11.844
222	11.950	222	11.950	222	11.950	222	11.950
224	12.056	224	12.056	224	12.056	224	12.056
226	12.162	226	12.162	226	12.162	226	12.162
228	12.268	228	12.268	228	12.268	228	12.268
230	12.374	230	12.374	230	12.374	230	12.374
232	12.480	232	12.480	232	12.480	232	12.480
234	12.586	234	12.586	234	12.586	234	12.586
236	12.692	236	12.692	236	12.692	236	12.692
238	12.798	238	12.798	238	12.798	238	12.798
240	12.904	240	12.904	240	12.904	240	12.904
242	13.010	242	13.010	242	13.010	242	13.010
244	13.116	244	13.116	244	13.116	244	13.116
246	13.222	246	13.222	246	13.222	246	13.222
248	13.328	248	13.328	248	13.328	248	13.328
250	13.434	250	13.434	250	13.434	250	13.434
252	13.540	252	13.540	252	13.540	252	13.540
254	13.646	254	13.646	254	13.646	254	13.646
256	13.752	256	13.752	256	13.752	256	13.752
258	13.858	258	13.858	258	13.858	258	13.858
260	13.964	260	13.964	260	13.964	260	13.964
262	14.070	262	14.070	262	14.070	262	14.070
264	14.176	264	14.176	264	14.176	264	14.176
266	14.282	266	14.282	266	14.282	266	14.282
268	14.388	268	14.388	268	14.388	268	14.388
270	14.494	270	14.494	270	14.494	270	14.494
272	14.600	272	14.600	272	14.600	272	14.600
274	14.706	274	14.706	274	14.706	274	14.706
276	14.812	276	1				