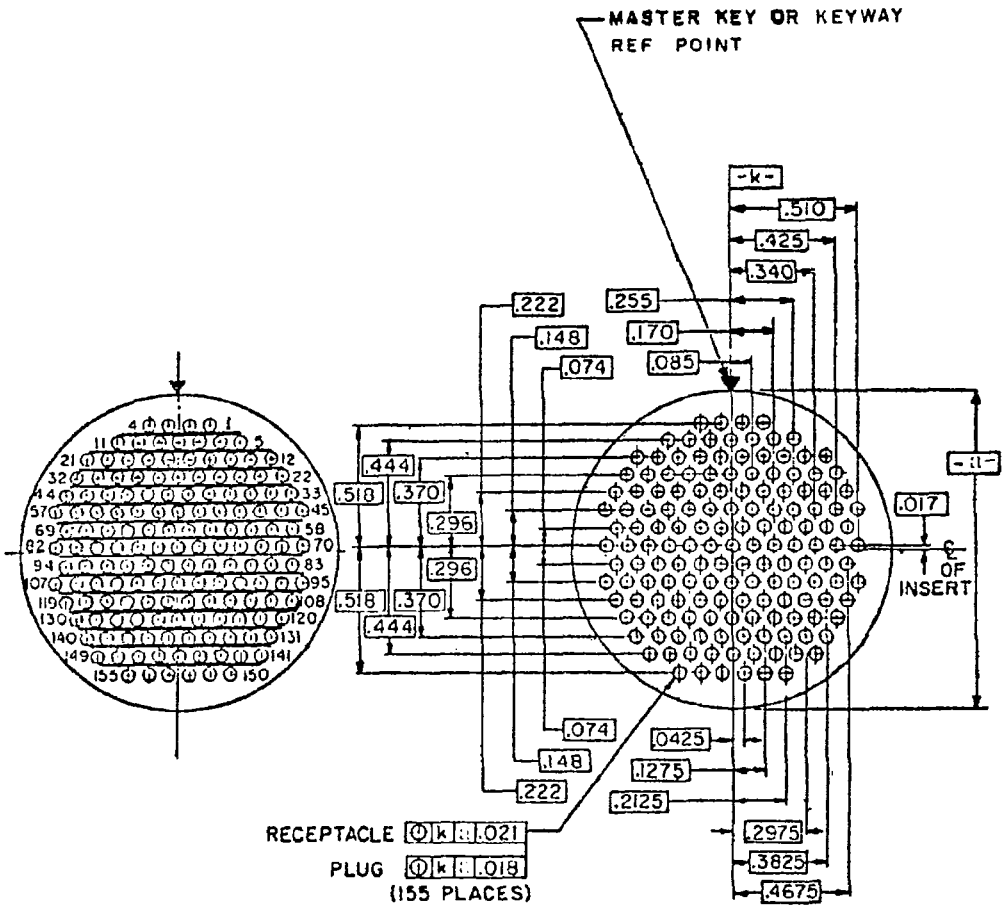
FED. SUP CLASS
5935



CODE 401 INSERT ARRANGEMENT 24-155, SERVICE RATING 1, 155 SIZE 23-22 CONTACTS

Ⓐ ENTIRE STANDARD REVISED

P.A. NAVY-AS Other Cust ARMY-EL AF-17	International interest	TITLE INSERT ARRANGEMENTS, MIL-C-81511 ELECTRIC CONNECTOR, SIZE 24	MILITARY STANDARD MS 3433
Procurement Specification MIL-C-81511		SUPERSEDES: MIL-C-81511/46	SHEET 1 OF 4

DD FORM 10 APR 44 672

APPROVED 5 JUNE 1970 REVISED Ⓐ 3 OCT 1970

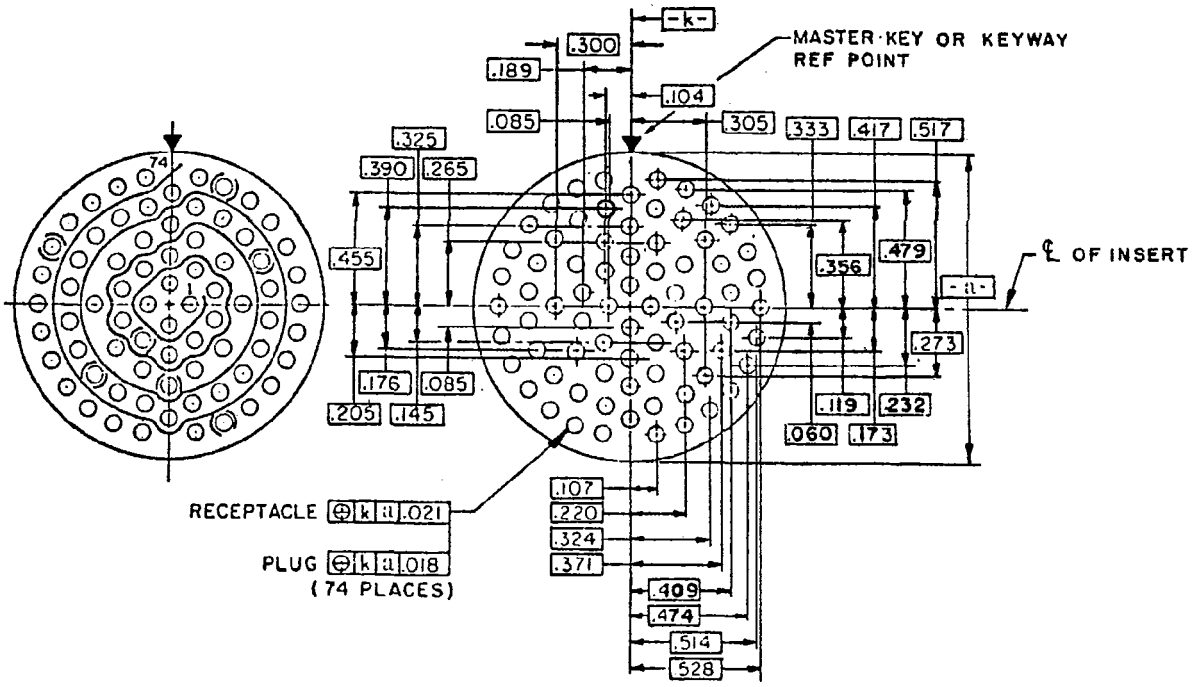
User activities: Army-ME, AT Navy-MC Air Force-

Reviewer activities: Army-MI, MU, AV, WC Navy-SH, EC, OS Air Force-11, 80 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.

User activities: Army-ME, AT
Navy-MC
Air Force-

Reviewer activities: Army-MI, MU, AV, WC
Navy-SH, EC, OS
Air Force-11, 80
DSA-ES

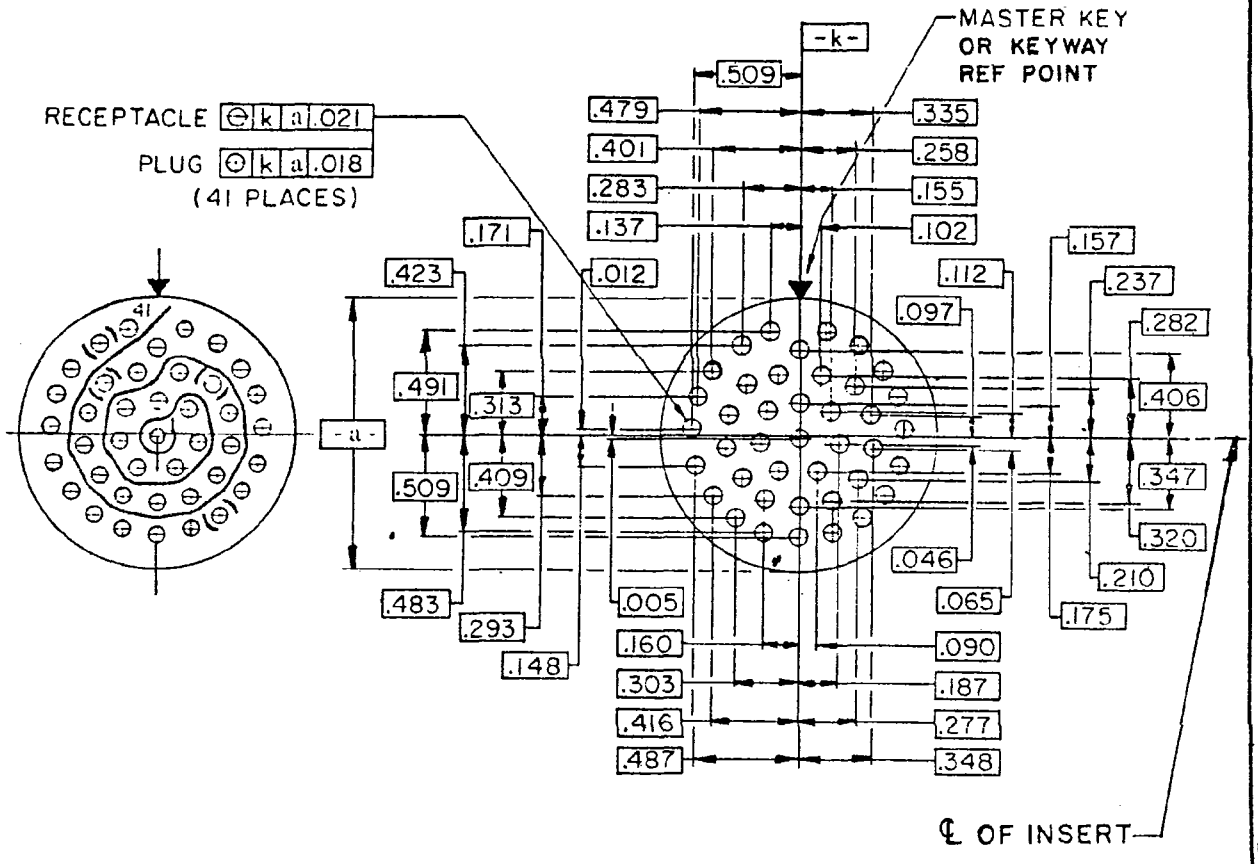


CODE J02 INSERT ARRANGEMENT 24-74. SERVICE RATING 1. 74 SIZE 20-20 CONTACTS

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 5 JUNE 1970 REVISED (A) FOR CHANGES SEE SHEET 1

P.A. NAVY-AS Other Cust ARMY-EL AF-17	International interest	TITLE INSERT ARRANGEMENTS, MIL-C-81511 ELECTRIC CONNECTOR, SIZE 24	MILITARY STANDARD MS 3433
Procurement Specification MIL-C-81511		SUPERSEDES: MIL-C-81511/46	SHEET 2



CODE J03 INSERT ARRANGEMENT 24-41, SERVICE RATING 1, 41 SIZE 16-16 CONTACTS

APPROVED 5 JUNE 1970 REVISED (A) FOR CHANGES SEE SHEET 1

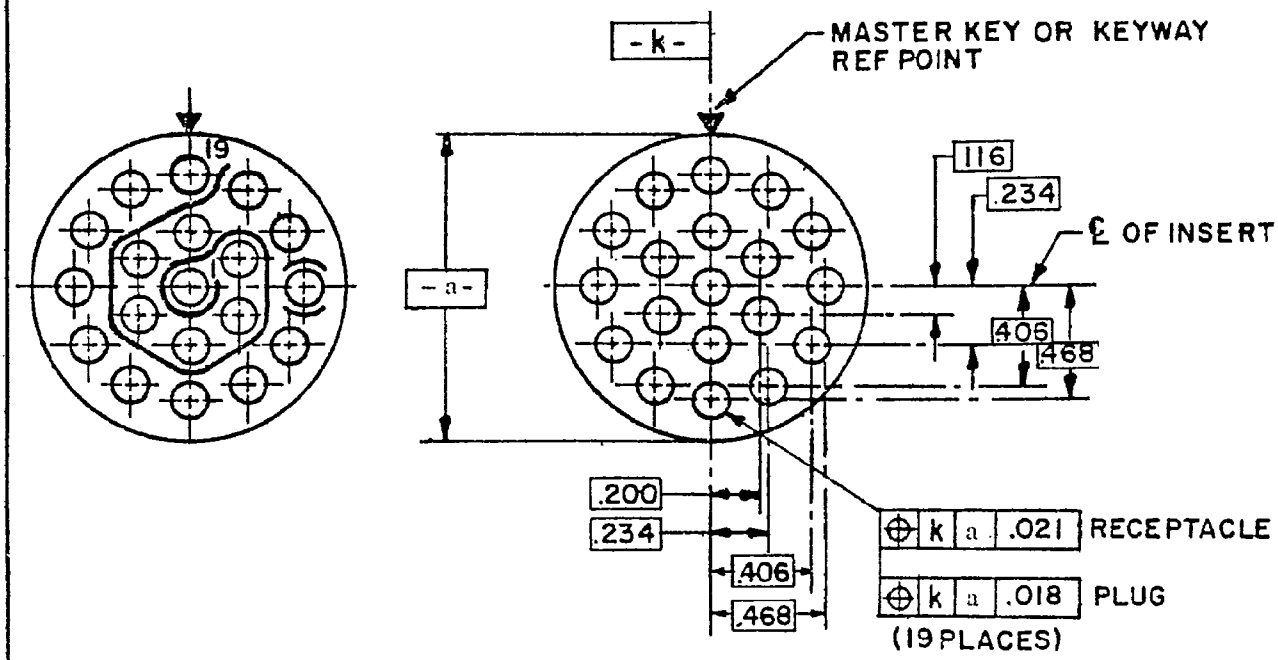
P.A. NAVY-AS Other Cust ARMY-EL AF-17	International Interest	TITLE INSERT ARRANGEMENTS, MIL-C-81511 ELECTRIC CONNECTOR, SIZE 24	MILITARY STANDARD MS3433
Procurement Specification MIL-C-81511		SUPERSEDES: MIL-C-81511, 46	SHEET 3

military standard is mandatory for use by all Departments and Agencies of the Department of nse. Selection for all new engineering and design applications and for repetitive use shall wide from this document.

User activities: Army-ME, AT Navy-MC Air Force-

Reviewer activities: Army-MI, MU, AV, WC Navy-SH, EC, OS Air Force-11, 80 DSA-ES

FED. SUP CLASS
5935



CODE J04 INSERT ARRANGEMENT 24-19, SERVICE RATING I, 19 SIZE 12-12 CONTACTS

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.005	.13	.102	2.59	.170	4.32	.232	5.89	.300	7.62	.370	9.40	.4675	11.87
.012	.30	.104	2.64	.171	4.34	.234	5.94	.303	7.70	.371	9.42	.468	11.89
.017	.43	.107	2.72	.173	4.39	.237	6.02	.305	7.75	.3825	9.72	.474	12.04
.018	.46	.112	2.84	.175	4.45	.255	6.48	.313	7.95	.390	9.91	.479	12.17
.021	.53	.116	2.95	.176	4.47	.258	6.55	.320	8.13	.401	10.19	.483	12.27
.0425	1.08	.119	3.02	.187	4.75	.265	6.73	.324	8.23	.406	10.31	.487	12.37
.046	1.17	.1275	3.24	.189	4.80	.273	6.93	.325	8.26	.409	10.39	.491	12.47
.060	1.52	.137	3.48	.200	5.08	.277	7.04	.333	8.46	.416	10.57	.509	12.93
.065	1.65	.145	3.68	.205	5.21	.282	7.16	.335	8.51	.417	10.59	.510	12.95
.074	1.88	.148	3.76	.210	5.33	.283	7.20	.340	8.64	.423	10.74	.514	13.06
.085	2.16	.155	3.94	.2125	5.40	.293	7.44	.347	8.81	.425	10.80	.517	13.13
.090	2.29	.157	3.99	.220	5.59	.296	7.52	.348	8.84	.444	11.28	.518	13.16
.097	2.46	.160	4.06	.222	5.64	.2975	7.56	.356	9.04	.455	11.56	.528	13.41

NOTES:

1. DIMENSIONS IN INCHES.
2. UNLESS OTHERWISE INDICATED, DIMENSIONS ARE SYMMETRICAL ABOUT CENTERLINES.
3. DIMENSIONS AND MARKINGS SHOWN ARE FOR ENGAGING FACE OF PIN INSERT (SOCKET INSERT OPPOSITE).
4. ▼ INDICATES CENTERLINE OF INSERT ARRANGEMENT AND MASTER KEY OR KEY WAY OF CONNECTOR SHELL.
5. FOR DATUM a (a) REFER TO FIGURES 4 THROUGH 11 OF MIL-C-81511.

THIS IS A DESIGN STANDARD. NOT TO BE USED AS A PART NUMBER.

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.

APPROVED 5 JUNE 1970 REVISED (A) FOR CHANGES SEE SHEET 1

P.A. NAVY-AS Other Cust ARMY-EL AF-17	International interest	TITLE INSERT ARRANGEMENTS, MIL-C-81511 ELECTRIC CONNECTOR, SIZE 24	MILITARY STANDARD MS 3433
Procurement Specification MIL-C-81511		SUPERSEDES: MIL-C-81511/48	SHEET 4

DD FORM 1426 APR 64 672

User activities: Army-ME, AT Navy-MC Air Force-

Reviewer activities: Army-MI, MU, AV, WC Navy-SH, EC, OS Air Force-11, 80 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.