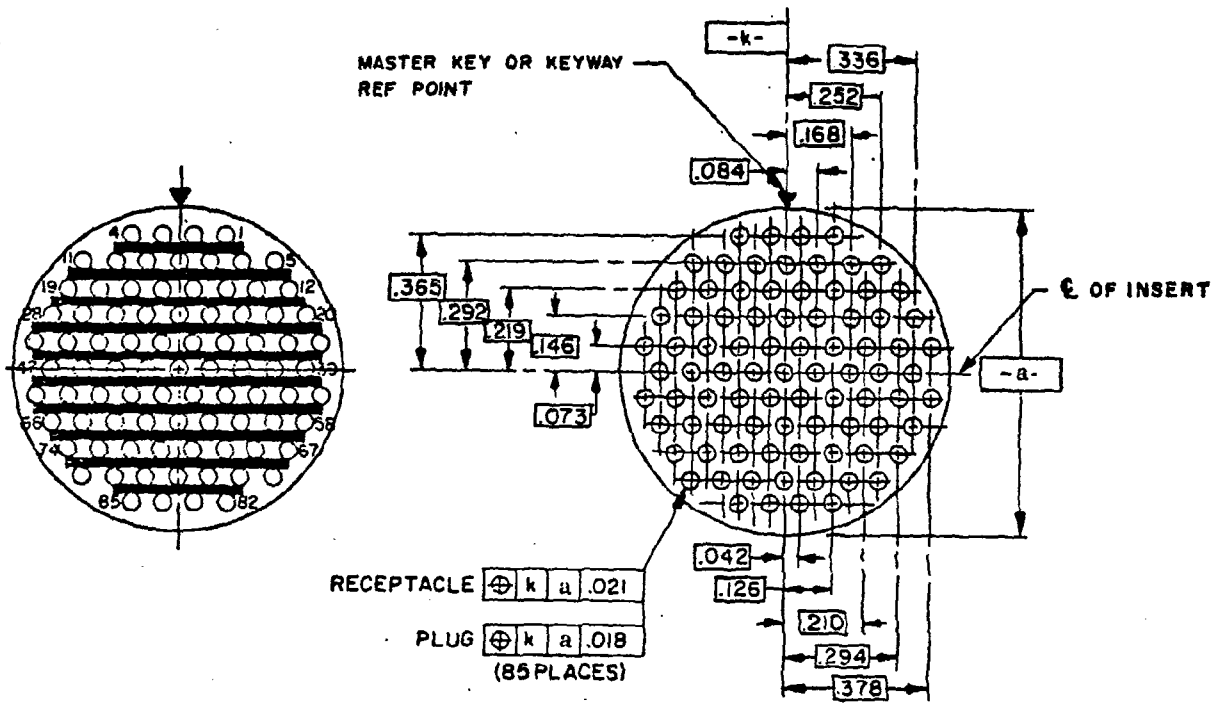
FED. SUP CLASS
5935

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 F01 INSERT ARRANGEMENT 18-85, SERVICE RATING 1, 85 SIZE 23-22 CONTACTS

APPROVED 5 JUNE 1970, REVISED (A) OCT 1?

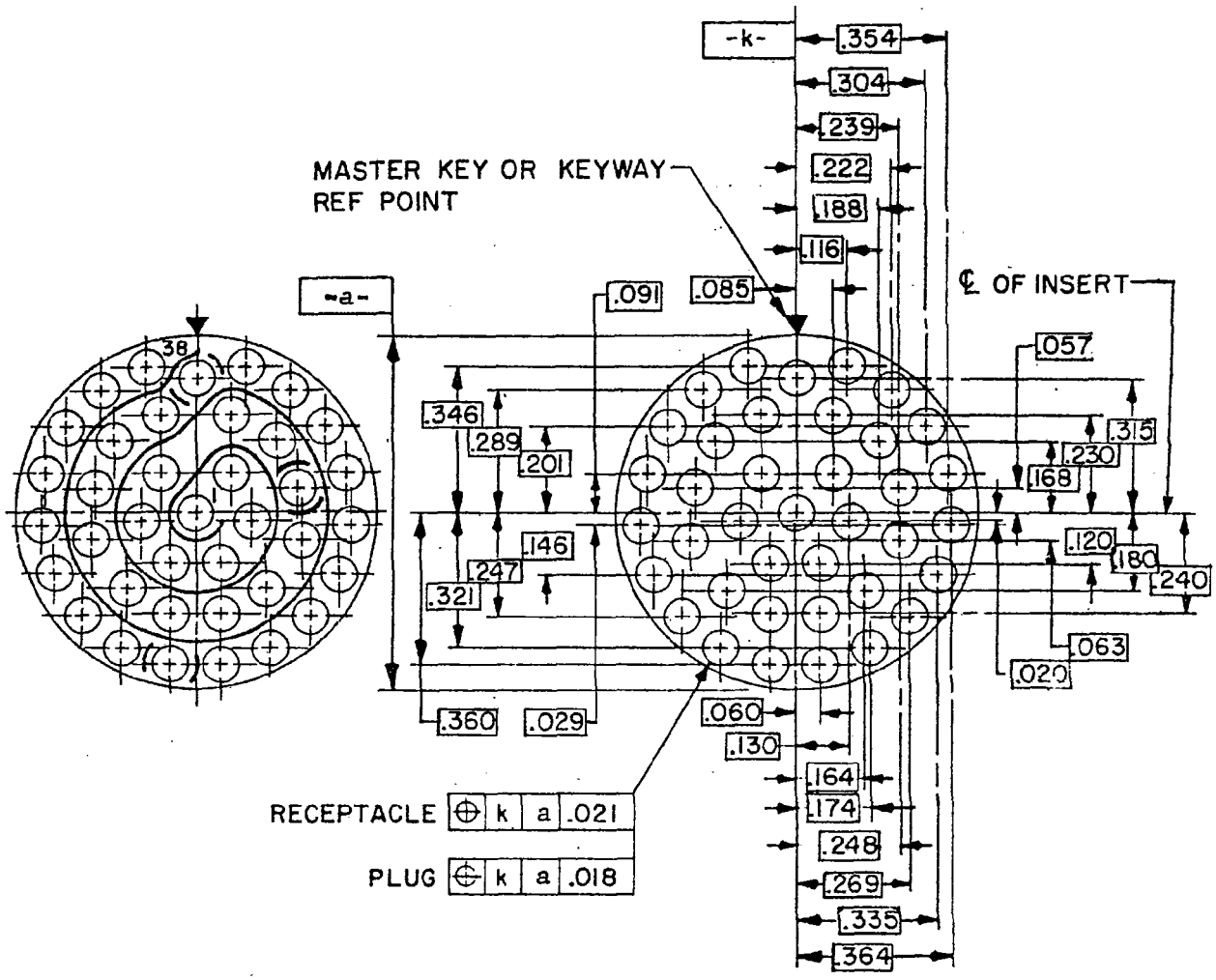
(A) ENTIRE STANDARD REVISED

P.A. NAVY-AS Other Cust ARMY-EL AF-17	International interest	TITLE INSERT ARRANGEMENTS, MIL-C-81511 ELECTRIC CONNECTOR, SIZE 18	MILITARY STANDARD MS 3430
Procurement Specification MIL-C-81511		SUPERSEDES: MIL-C-81511 12	SHEET 1 OF 4

PROJECT NO. 5935-1726-7

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



CODE F02 INSERT ARRANGEMENT 18-38, SERVICE RATING I, 38 SIZE 20-20 CONTACTS.

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

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.

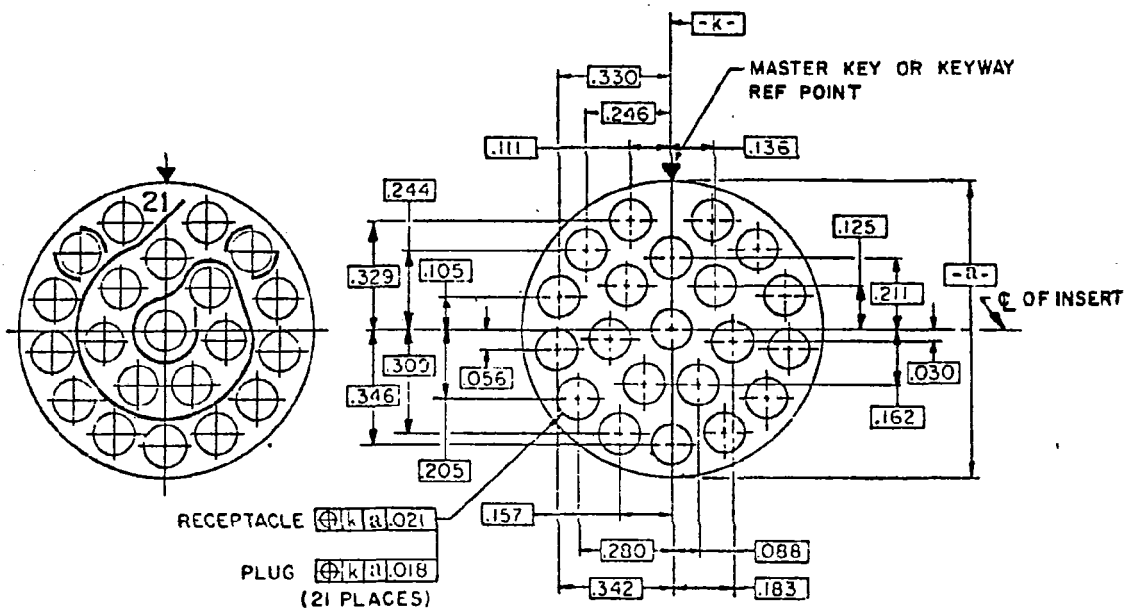
P.A. NAVY-AS Other Cust ARMY-EL AF-17	International interest	TITLE INSERT ARRANGEMENTS. MIL-C-81511 ELECTRIC CONNECTOR, SIZE 18	MILITARY STANDARD MS 3430
Procurement Specification MIL-C-81511		SUPERSEDES: MIL-C-81511/12	SHEET 2

(Coordinat . JLETE.

FED. SUP CLASS
5935

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 T03 INSERT ARRANGEMENT 18-21, SERVICE RATING 1, 21 SIZE 16-16 CONTACTS

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

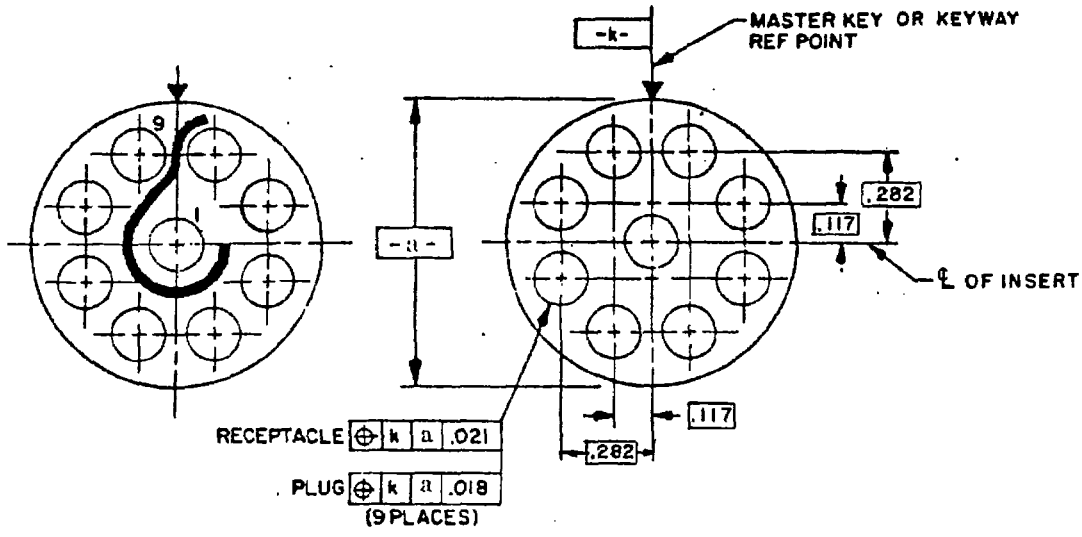
This military standard is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

P.A. NAVY-AS Other Cust ARMY-EL AF-17	International interest	TITLE INSERT ARRANGEMENTS, MIL-C-81511 ELECTRIC CONNECTOR, SIZE 18	MILITARY STANDARD MS 3430
Procurement Specification MIL-C-81511		SUPERSEDES: MIL-C-81511 12	SHEET 3

FORM 672 (Coordinated) PREVIOUS

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 F04 INSERT ARRANGEMENT 18-09, SERVICE RATING 1, 9 SIZE 12-12 CONTACTS

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.018	.46	.085	2.16	.146	3.71	.210	5.33	.252	6.40	.329	8.36
.020	.51	.088	2.24	.157	3.99	.211	5.36	.269	6.83	.330	8.38
.021	.53	.091	2.31	.162	4.11	.219	5.56	.280	7.11	.335	8.51
.029	.74	.105	2.67	.164	4.17	.222	5.64	.282	7.16	.336	8.53
.030	.76	.111	2.82	.168	4.27	.230	5.84	.289	7.34	.342	8.69
.042	1.07	.116	2.95	.174	4.42	.239	6.07	.292	7.42	.346	8.79
.056	1.42	.117	2.97	.180	4.57	.240	6.10	.294	7.47	.354	8.99
.057	1.45	.120	3.05	.183	4.65	.244	6.20	.304	7.72	.360	9.14
.060	1.52	.125	3.18	.188	4.78	.246	6.25	.309	7.85	.364	9.25
.063	1.60	.126	3.20	.201	5.11	.247	6.27	.315	8.00	.365	9.27
.073	1.85	.130	3.30	.205	5.21	.248	6.30	.321	8.15	.378	9.60
.084	2.13	.136	3.45								

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 KEYWAY OF CONNECTOR SHELL.
5. FOR DATUMS (a) (k) REFER TO FIGURES 1 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 18	MILITARY STANDARD MS 3430
Procurement Specification MIL-C-81511		SUPERSEDES: MIL-C-81511 12	SHEET 4

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.