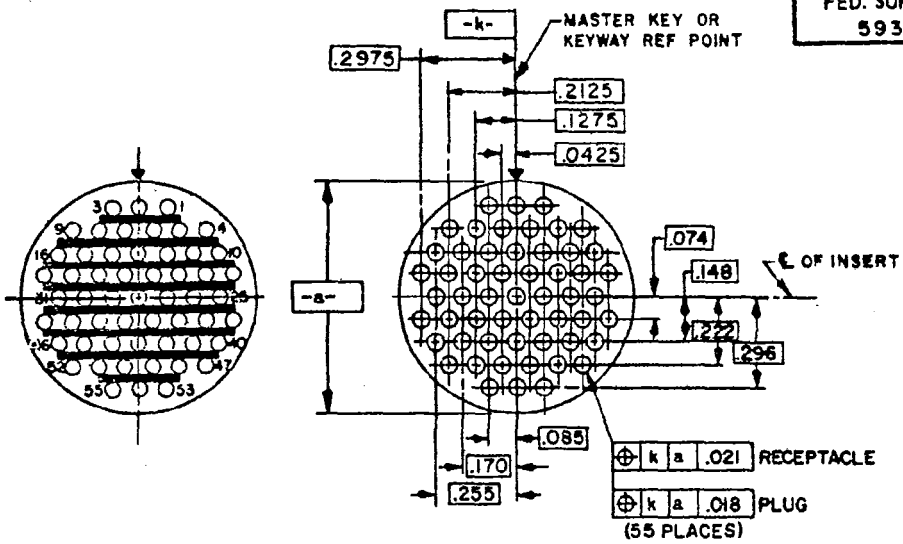
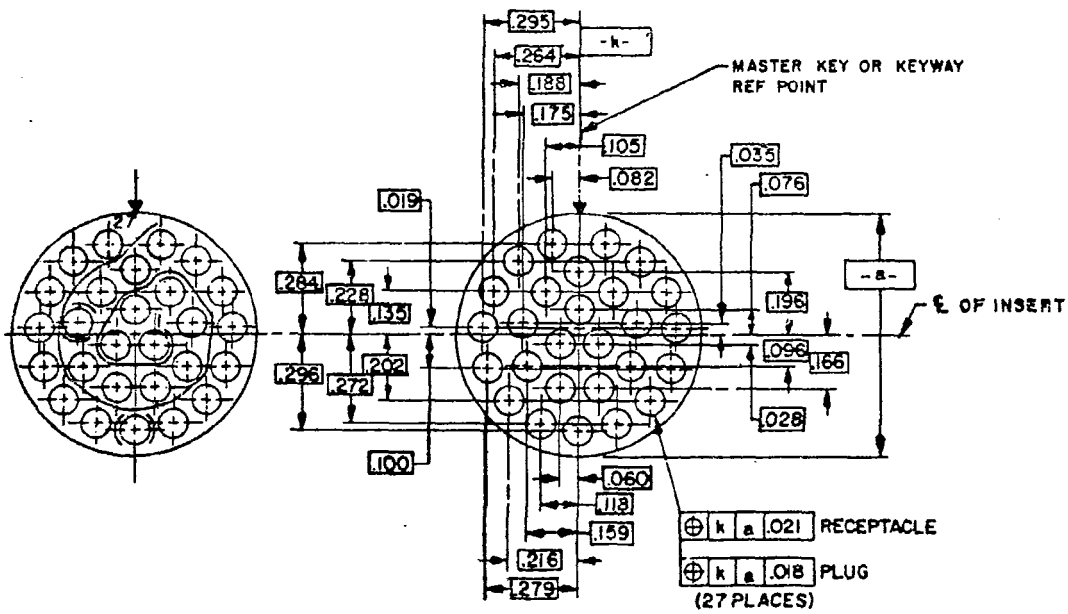
FED. SUP CLASS
5935



CODE E01 INSERT ARRANGEMENT 16-55, SERVICE RATING I, 55 SIZE 23-22 CONTACTS.



CODE E02 INSERT ARRANGEMENT 16 - 27, SERVICE RATING I, 27 SIZE 20-20 CONTACTS.

Ⓑ FOR CHANGE SEE SHEET 2.

APPROVED 5 JUNE 1970 REVISED Ⓐ 30 OCT 1970 Ⓑ 15 NOV 1972

P.A. NAVY-AS Other Cust ARMY-EL AF-17	International Interest	TITLE INSERT ARRANGEMENTS, MIL-C-81511 ELECTRIC CONNECTOR, SIZE 16	MILITARY STANDARD MS 3429
Procurement Specification MIL-C-81511		SUPERSEDES: MIL-C-81511/11	SHEET 1 OF 3

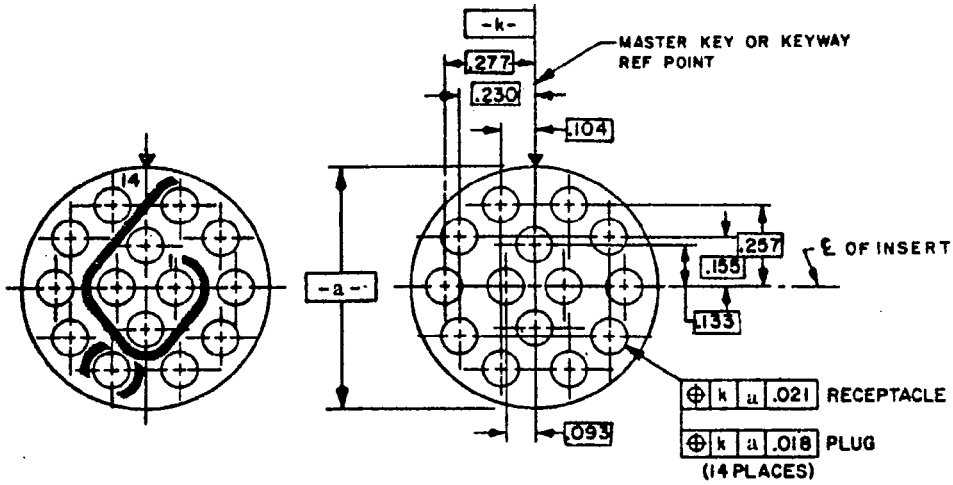
DD FORM 10 APR 64 67

CT NO. 5935-1874

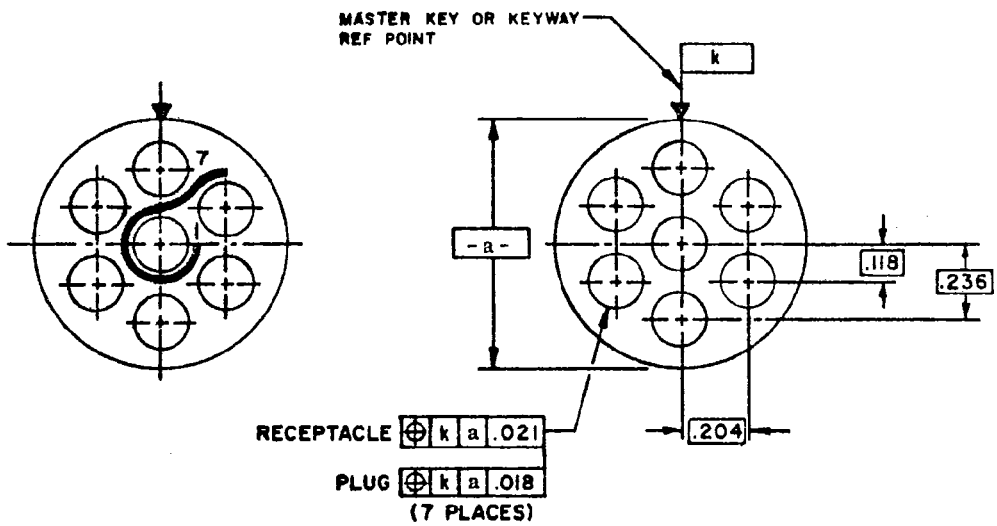
Reviewer activities: Army-MI, MU, AV, WC Navy-SH, EC, OS Air Force-11, 80 DSA-ES

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

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.



CODE E03 INSERT ARRANGEMENT 16-14, SERVICE RATING I, 14 SIZE 16-16 CONTACTS



(B)

CODE E04 INSERT ARRANGEMENT 16-07, SERVICE RATING I, 7 SIZE 12-12 CONTACTS

APPROVED 5 JUNE 1970 REVISED (B) FOR CHANGE SEE SHEET 2.

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

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P.A. NAVY-AS Other Cust ARMY-EL AF-17	International Interest	TITLE INSERT ARRANGEMENTS, MIL-C-81511 ELECTRIC CONNECTOR, SIZE 16	MILITARY STANDARD MS3429
Procurement Specification MIL-C-81511		SUPERSEDES: MIL-C-81511/11	SHEET 2

FED. SUP CLASS
5935

USER SYMBOLS: ARMY - ME, AT
NAVY - MC
AIR FORCE -

REVIEWER SYMBOLS: ARMY - MI, MU, AV, WC
NAVY - SH, EC, OS
AIR FORCE - 11, 80
DSA - ES

"Review/year information is current as of the date of this document. For future coordination of changes to this document, draft circulation should be based on the information in the current DODISS."

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INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.018	.46	.093	2.36	.159	4.04	.230	5.84
.019	.48	.096	2.44	.166	4.22	.255	6.48
.021	.53	.100	2.54	.170	4.32	.257	6.53
.028	.71	.104	2.64	.176	4.47	.264	6.71
.035	.89	.105	2.67	.188	4.78	.272	6.91
.0425	1.08	.118	3.00	.196	4.98	.277	7.04
.060	1.52	.1275	3.24	.202	5.13	.279	7.09
.074	1.88	.133	3.38	.2125	5.40	.284	7.21
.076	1.93	.135	3.43	.216	5.49	.295	7.49
.082	2.08	.148	3.76	.222	5.64	.296	7.52
.085	2.16	.155	3.94	.228	5.79	.2975	7.56

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 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 (B) FOR CHANGE SEE SHEET 2.

P A NAVY - AS Other Cust ARMY - EL AF - 17	INTERNATIONAL INTEREST	TITLE INSERT ARRANGEMENTS, MIL-C-81511 ELECTRIC CONNECTOR, SIZE 16	MILITARY STANDARD MS3429
PROCUREMENT SPECIFICATION MIL-C-81511		SUPERSEDES: MIL-C-81511/11	SHEET 3

DD FORM 1 SEP 67 672-1 (Coordinated)

PLATE NO. 15320