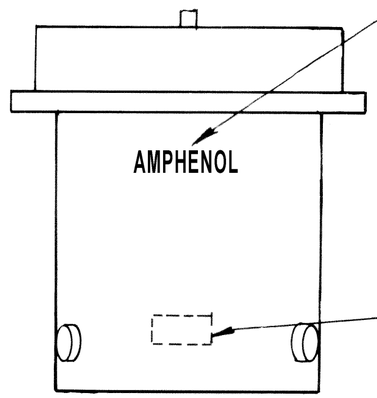
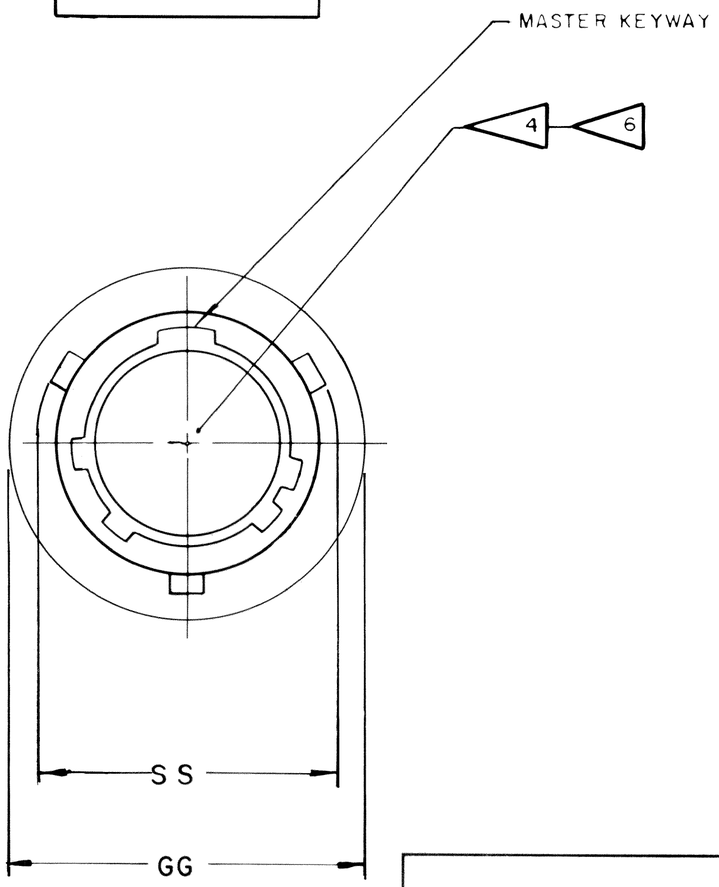
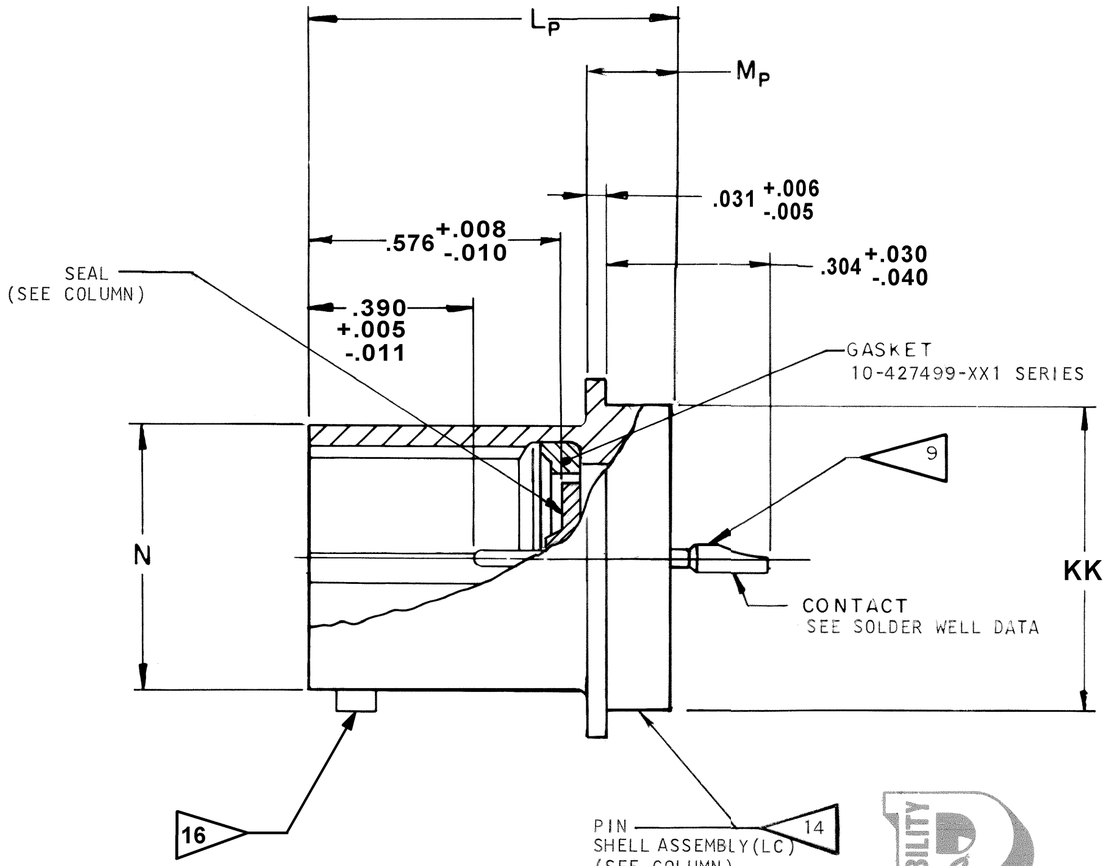
52508-131 REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
—		FOR CHGS A, THRU B SEE RECORD DWG	—	—
	C	(MFG) ADDED 9-3895 (PRCS SPEC); REV STAMPING NOTE ECN 59789-3	6-23-78 Bowen	Hand
	D	(CL I) ADDED NOTE 16 & CALL-OUTS ECN: A6991-0000	6/10/09	E.PLACE

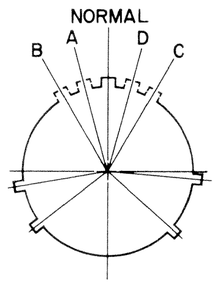


STAMP "AMPHENOL" , DATE CODE 9-3895, MS NO. & LOT NO. PER 9-5788, INCLUDE J PREFIX
EXAMPLE:
JMS27471Y9D2P 001000
FOR ROTATED MASTER KEYWAY
EXAMPLE:
JMS27471Y9D2PD 001000

11 1







RELATIVE POSSIBLE POSITION OF ROTATED MASTER KEYWAY SEE **9-2437-18**
(FRONT FACE OF SHELL SHOWN)

SEE SHEET 3.
NOTES:

FIND NO.	QTY REQD	CODE IDENT	PART NUMBER	DESCRIPTION	NOTE REF

PARTS LIST

UNLESS OTHERWISE SPECIFIED
LINEAR DIMENSIONS ARE IN INCHES. TOLERANCES: .XXX ± .010, .XX ± .03, .X ± .1, ANGLES ± 2°. OTHER STANDARDS PER 9-3800 AND MIL-D-1000. NOTE REF

MATERIAL SPEC	PROCESS SPEC
	SEE NOTE 15

SIGNATURES		DATES
PREPARED	WHITNEY	11-3-69
CHECKED	Weber W	8-4-70
MATERIAL	R.C. White	11/21/69
APPROVED	D.S. Plumpe	11-26-69
APPROVED	D. Vergano	8-10-70

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, NY

TITLE: CONNECTOR, ELECTRICAL RECEPTACLE, TYPE LJTIY() SM, GPC, TIN PLATED — U

SIZE	CODE IDENT NO.	
C	77820	10-443975 THRU 10-443989

SCALE NONE | WT SEE PARTS LIST | REF 10-431120/29 | SHEET 1 OF 3

R

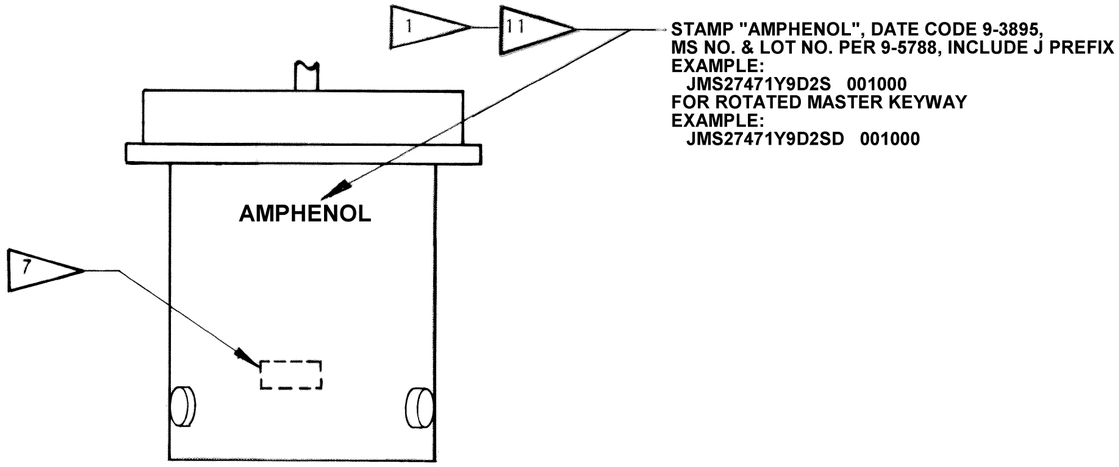
NEXT ASSEMBLY

USE OF THIS DOCUMENT IS UNLIMITED. DOCUMENTS REFERENCED HEREON CONTAIN LIMITED RIGHTS DATA.

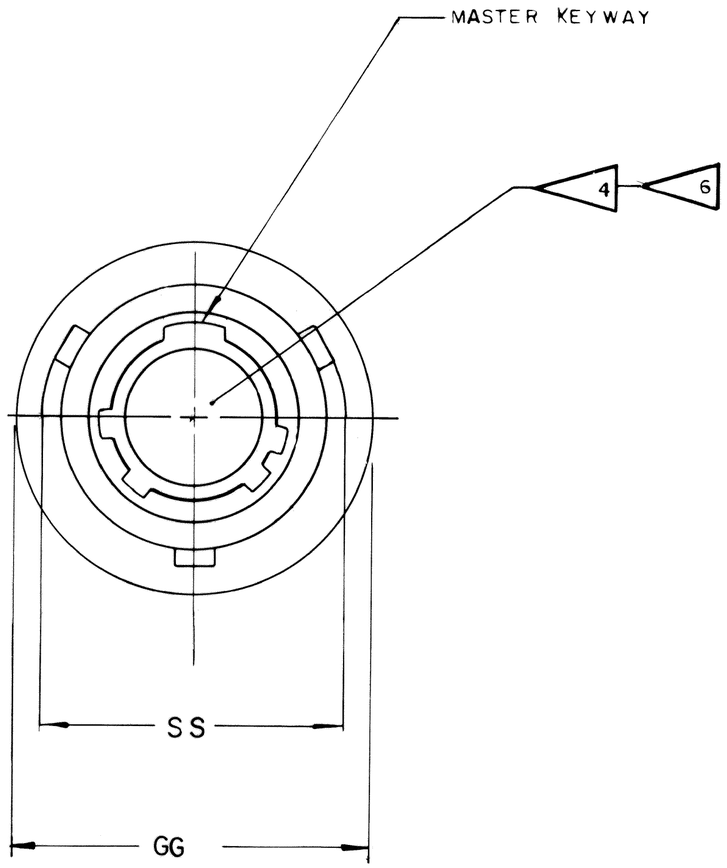
TAB. 4

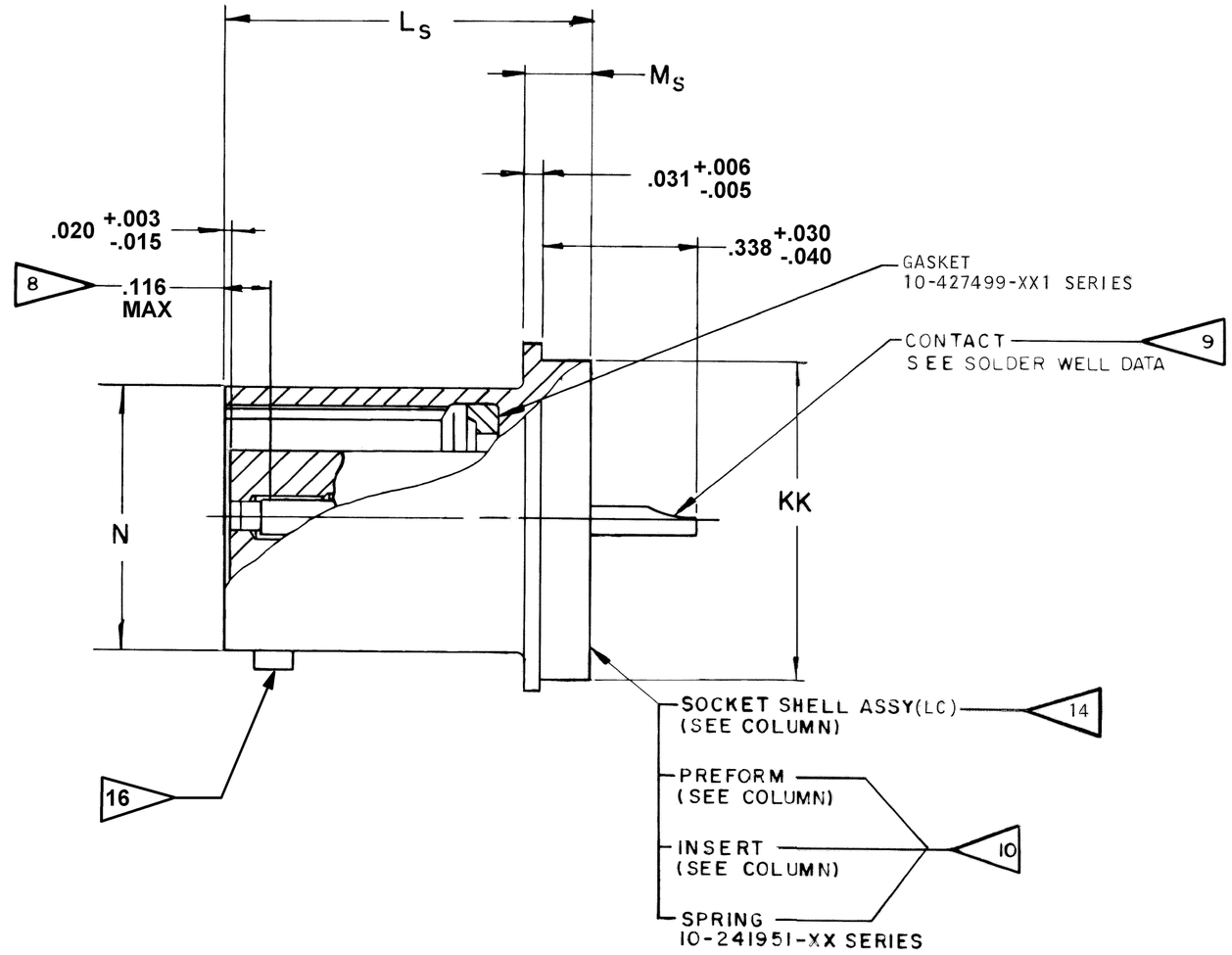
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STAMP "AMPHENOL", DATE CODE 9-3895,
MS NO. & LOT NO. PER 9-5788, INCLUDE J PREFIX
EXAMPLE:
JMS27471Y9D2S 001000
FOR ROTATED MASTER KEYWAY
EXAMPLE:
JMS27471Y9D2SD 001000





[10-443975/89]

RELIABILITY CONTROL

SEE SHEET 3.

NOTES:

CODE IDENT NO	SIZE	
77820	C	10-443975 THRU 10-443989

SCALE ____ WT ____ REF ____ SHEET 2

D

TAB.

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ASSEMBLY NUMBER	MS NO.	SHELL ASSEMBLY	SEAL	PREFORM	INSERT	N DIA +.001 -.005	SS DIA +.000 -.016	L_P +.011 -.000	L_S +.011 -.000	M_P +.006 -.005	M_S +.006 -.005	GG DIA +.011 -.010	KK DIA +.001 -.005
10-443975- 10-443976- 10-443977-	27471Y7D 9D 11D	10-444575- 10-444576- 10-444577-	NOT AVAILABLE 10-405508-1 10-405510-	10-413008- 10-413010-	10-258159- 10-258161-	.572 .700	.662 .810	.789	.878	.125	.214	.750 .844	.672 .781
10-443978- 10-443979- 10-443980-	13D 15D 17D	10-444578- 10-444579- 10-444580-	10-405512- 10-405514- 10-405516-	10-413012- 10-413014- 10-412016-	10-258163- 10-258165- 10-258167-	.850 .975 1.100	.960 1.085 1.210					.969 1.094 1.218	.906 1.031 1.156
10-443981- 10-443982- 10-443983-	19D 21D 23D	10-444581- 10-444582- 10-444583-	10-405518- 10-405520- 10-405522-	10-413018- 10-413020- 10-413022-	10-258169- 10-258171- 10-258173-	1.207 1.332 1.457	1.317 1.442 1.567	.821	.908	.156	.243	1.312 1.438 1.563	1.250 1.375 1.500
10-443984- 10-443985/89-	25D	10-444584- 10-444585/89-	10-405524-	10-413024-	10-258175- NOT AVAILABLE	1.582	1.692	.821	.908	.156	.243	1.688	1.625

1 — INSERT ARRANGEMENT SUFFIX

13 — INSERT ARRANGEMENT SUFFIX LESS LETTER

10

NOTES:

7. MASTER KEYWAY ROTATION IDENTIFICATION LETTER APPEARS ON INDICATED SURFACE EXCEPT FOR NORMAL KEYWAY LOCATION.
6. INSERTS & CONTACTS ARE NOT REMOVABLE.
5. FOR COMPONENT PART NUMBERS, QUANTITIES AND RELEASE STATUS OF DESIRED UNIT, SEE SEPARATE PARTS LIST.
4. FOR CONTACT ARRANGEMENT PATTERN SEE DRAWINGS MS20049 THRU MS20057. ALTERNATE POSITIONS THEREON DO NOT APPLY.
3. ON REAR OF FUSED GLASS INSERT, LETTERS CAN BE INCOMPLETE BUT ALL LETTERS MUST BE LEGIBLE.
2. FOR MATING PLUG ASSEMBLY, SEE DRAWING 87-275907/25 & OTHERS.
1. TO COMPLETE ASSY NO., MS NO., SHELL ASSY NO., SEAL NO., PREFORM NO. & INSERT NO., ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE PER 9-2437-18.

16. **PAINT RIVET HEADS BLUE PER 9-6692-1.**
15. PROCESS SPEC:
TEST 9-5726-1, ASSY 9-4407-5, 9-5280-2, 9-5373-1
SPECIAL CONTROL 9-6000-2
PROCESS CONTROL 9-4796
9-5788, 9-2437-18, 9-3895, **9-6692-1**
14. (LC) INDICATES ITEM ON LOT CONTROL.
13. ASSEMBLE SEAL TO SHELL ASSY(PIN ONLY) PER 9-5373-1.
12. UNITS ILLUSTRATED MEET THE REQUIREMENTS OF MIL-C-38999.
11. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
10. COMPONENTS SPECIFIED ARE FOR SOCKET ASSEMBLY UNIT ONLY AND SHALL BE ASSEMBLED PER 9-5280-2.
9. RESULTANT UNPLATED AREA DUE TO PLATING PROCEDURE PERMISSIBLE ON WELL END OF CONTACTS.
8. DISTANCE BETWEEN END OF SHELL & THE POINT AT WHICH A GAGE PIN HAVING THE SAME BASIC DIAMETER AS THE MATING CONTACT & A SQUARE FACE ENGAGES SOCKET CONTACT SPRING.

SOLDER WELL DATA							
	PIN				SOCKET		
CONTACT SIZE	20	16	22, 22M & 22D	12	20	16	22M
SOLDER WELL DIA	$.045^{+.003}_{-.001}$	$.078^{+.004}_{-.002}$	$.037^{+.003}_{-.001}$	$.116^{+.004}_{-.002}$	$.045^{+.003}_{-.001}$	$.078^{+.004}_{-.002}$	$.030^{+.003}_{-.001}$
SOLDER WELL DEPTH	$.125^{+.020}_{-.000}$	$.141^{+.020}_{-.000}$	$.094^{+.020}_{-.000}$	$.141^{+.020}_{-.000}$	$.125^{+.020}_{-.000}$	$.141^{+.020}_{-.000}$	$.094^{+.020}_{-.000}$

RELIABILITY CONTROL

68/69-10-443975-01 B

SIZE	CODE IDENT NO.	
C	77820	10-443975 THRU 10-443989

REV SYM D | SCALE ____ | WT _____ | REF _____ | SHEET 3

TAB.

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