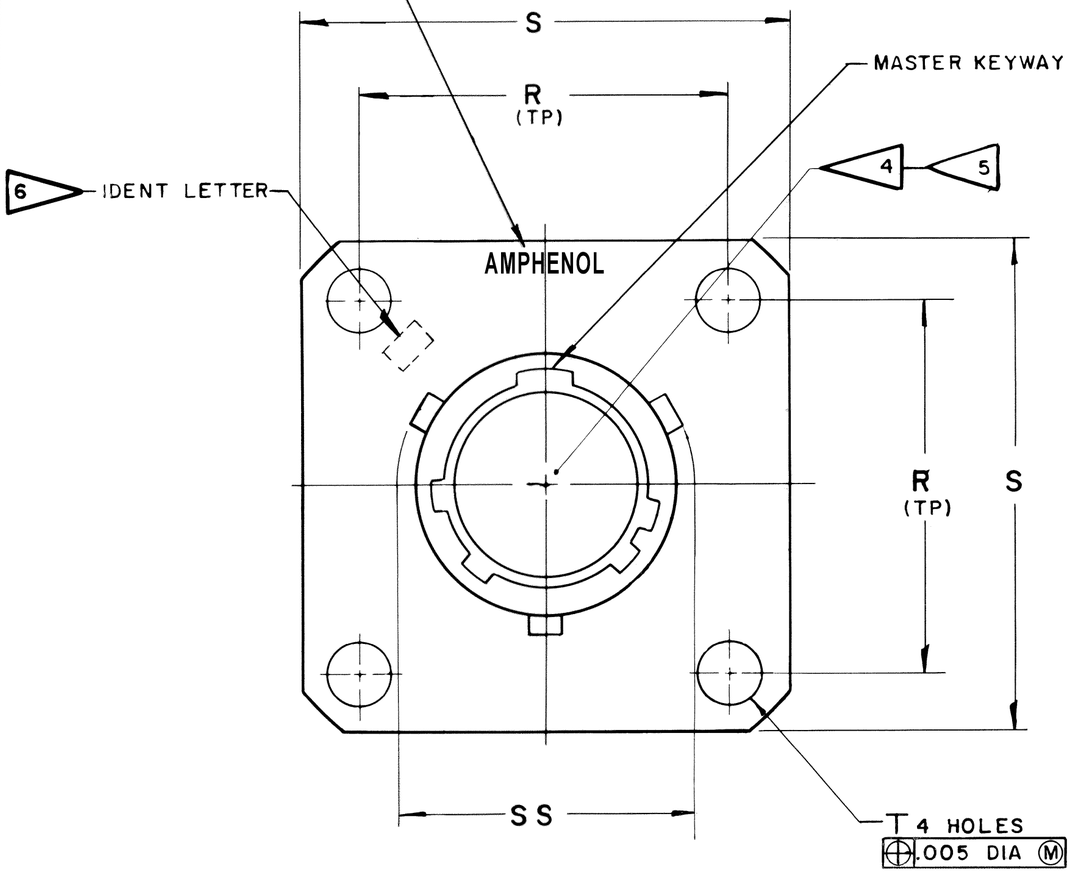
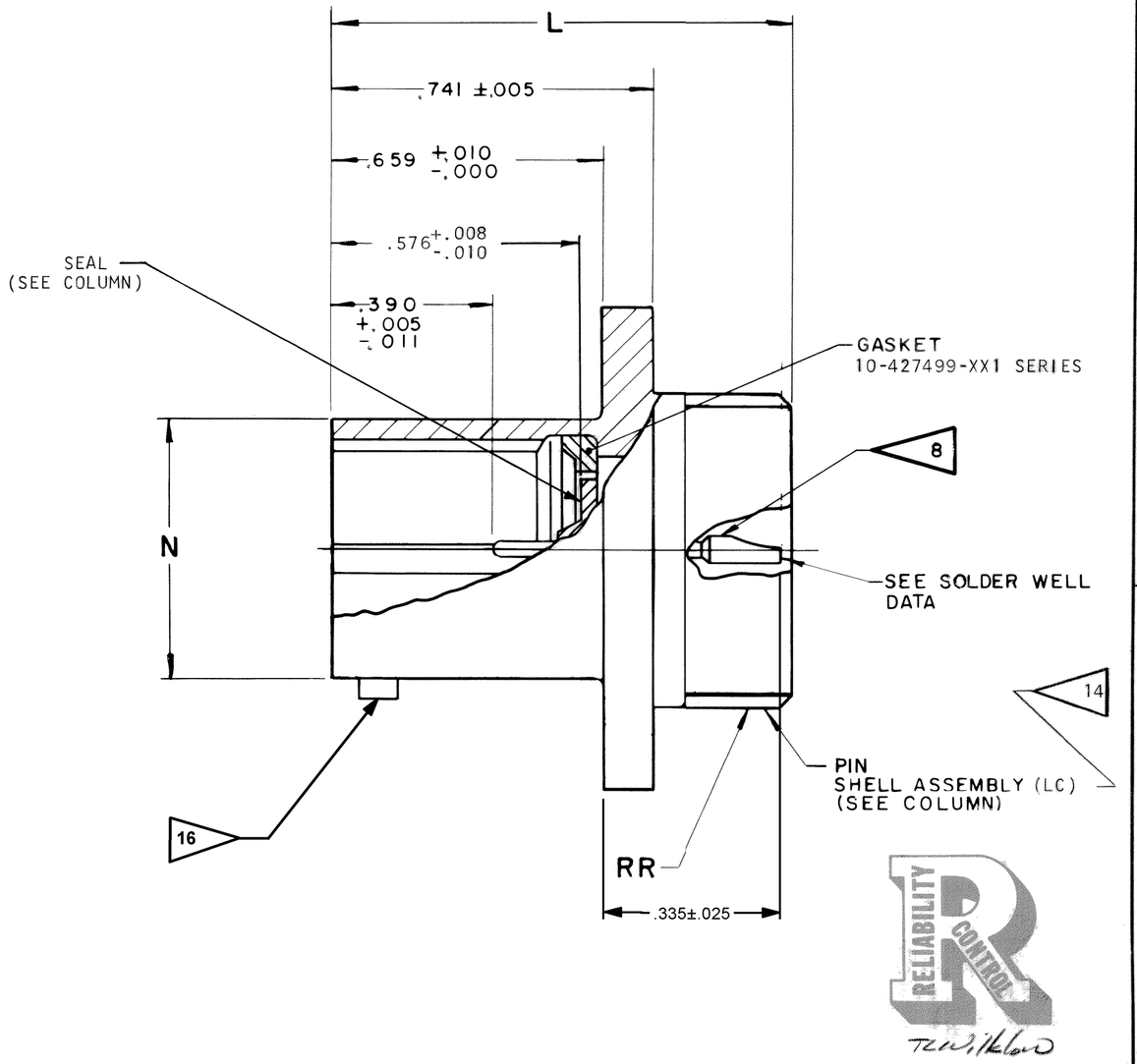
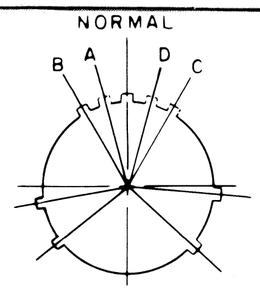
53508-98 REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
—		FOR CHGS A, THRU B SEE RECORD DWG	—	—
	C	(MFG) ADDED 9-3895 (PRCS SPEC) REV STAMPING NOTE ECN 59789-3	6-23-78 BOWKER	C Hland
	D	(CL I) ADDED NOTE 16 & CALL-OUTS ECN: A6932-0000	5/29/09	E.PLACE
	E	(CL II) SEE CHANGE NOTICE ECN: B2033	7/8/11	H.BROOKER

1 10 STAMP "AMPHENOL", DATE CODE 9-3895, MS NO. & LOT NO. PER 9-5788 INCLUDE J PREFIX
EXAMPLE:
JMS27469Y9D2P 001000
FOR ROTATED MASTER KEYWAY
EXAMPLE:
JMS27469Y9D2PD 001000





RELIABILITY CONTROL



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

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	10-30-69
CHECKED	Weber W	8-4-70
MATERIAL	R.C.White	11/21/69
APPROVED	P.J.Shayne MS	11-26-69
APPROVED	V.J.Vezzaro	8-10-70

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, NY 13838

TITLE: CONNECTOR, ELECTRICAL RECEPTACLE, TYPE LJTY()FW, GPC, TIN PLATED U

SIZE	CODE IDENT NO.	
C	77820	10-443930 THRU 10-443944

SCALE	WT	REF	SHEET
NONE	SEE PARTS LIST	10-275857/75	1 OF 3

R

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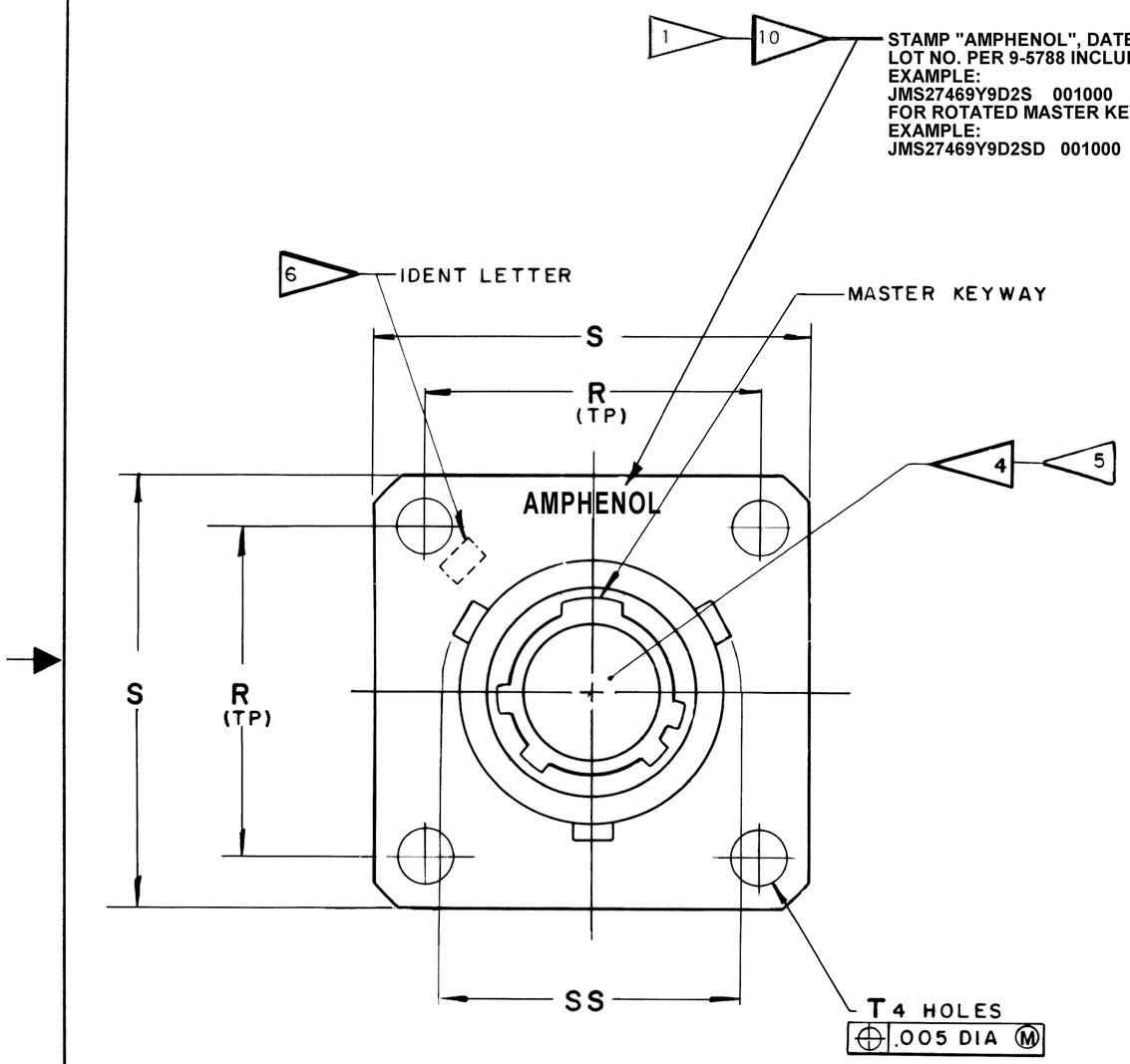
NEXT ASSEMBLY

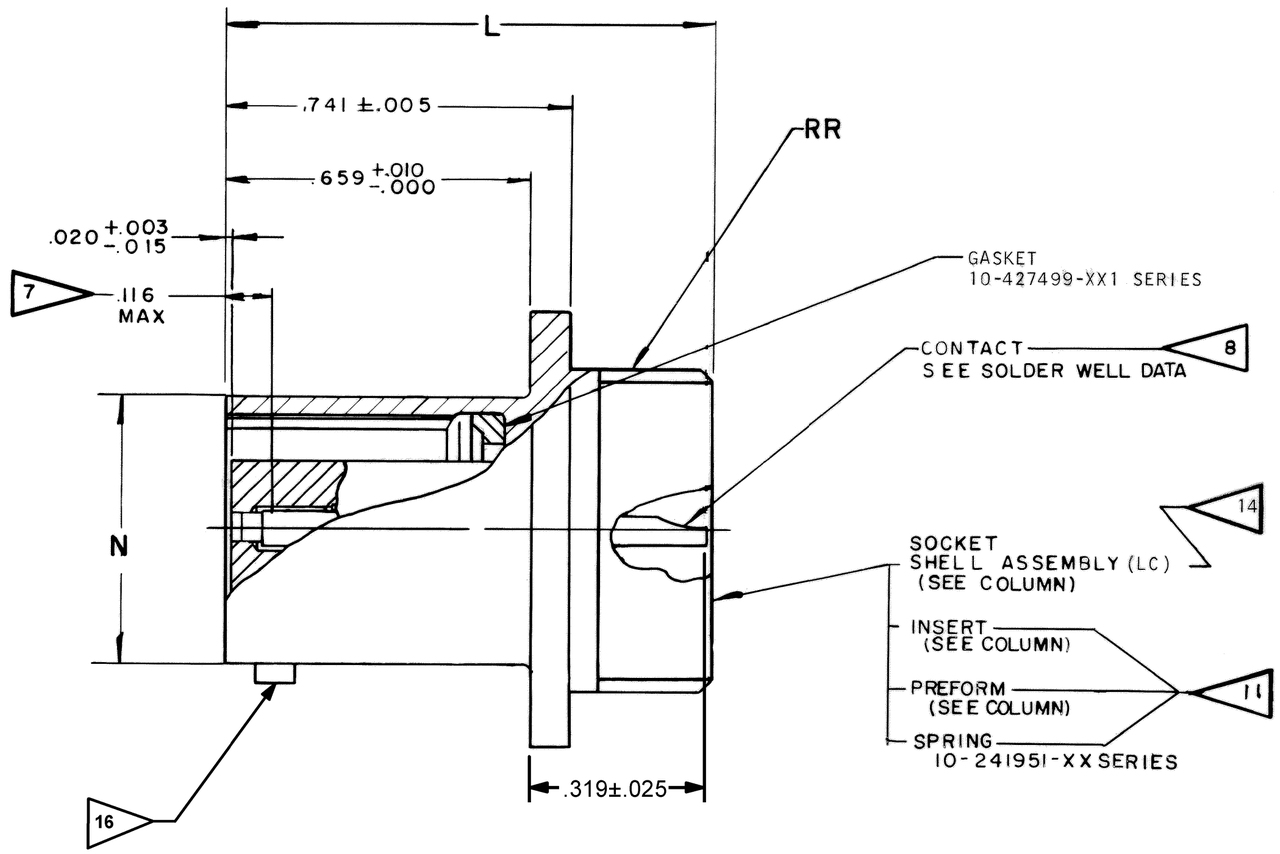
10-443930/44

TAB. 44-3

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[10-443930/44]

RELIABILITY CONTROL

CODE IDENT NO.	SIZE	
77820	C	10-443930 THRU 10-443944

D E

SCALE ____ WT ____ REF ____ SHEET 2

TAB

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ASSEMBLY NUMBER	MS NO.	SHELL ASSEMBLY	PREFORM	INSERT	SEAL	L ±.005	N DIA +.001 -.005	R (TP)	S	RR THREAD (PLATED) CLASS 2A	SS DIA +.000 -.016	T DIA ±.005
10-443930-	27469Y7D	10-444530-					NOT AVAILABLE					
10-443931-	9D	10-444531-	10-413008-	10-258159-	10-405508-	1.047	.572	.719	.938	.6875-24UNEF	.662	.128
10-443932-	11D	10-444532-	10-413010-	10-258161-	10-405510-		.700	.812	1.031	.8125-20UNEF	.810	
10-443933-	13D	10-444533-	10-413012-	10-258163-	10-405512-		.850	.906	1.125	.9375-20UNEF	.960	
10-443934-	15D	10-444534-	10-413014-	10-258165-	10-405514-		.975	.969	1.219	1.0625-18 UNEF	1.085	
10-443935-	17D	10-444535-	10-413016-	10-258167-	10-405516-		1.100	1.062	1.312	1.1875-18 UNEF	1.210	
10-443936-	19D	10-444536-	10-413018-	10-258169-	10-405518-		1.207	1.156	1.438	1.3125-18 UNEF	1.317	
10-443937-	21D	10-444537-	10-413020-	10-258171-	10-405520-		1.332	1.250	1.562	1.4375-18UNEF	1.442	
10-443938-	23D	10-444538-	10-413022-	10-258173-	10-405522-		1.457	1.375	1.688	1.5625-18UNEF	1.567	.147
10-443939-	25D	10-444539-	10-413024-	10-258175-	10-405524-		1.582	1.500	1.812	1.6875-18UNEF	1.692	.147
10-443940/44		10-444540/44					NOT AVAILABLE					

11

13

INSERT ARRANGEMENT SUFFIX 1

INSERT ARRANGEMENT SUFFIX 1

1 INSERT ARRANGEMENT SUFFIX LESS LETTER

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

7. 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.

6. MASTER KEYWAY ROTATION IDENTIFICATION LETTER APPEARS ON INDICATED SURFACE EXCEPT FOR NORMAL KEYWAY LOCATION.

5. INSERTS & CONTACTS ARE NOT REMOVABLE.

4. FOR CONTACT ARRANGEMENT PATTERN SEE DRAWING MIL-STD-1560. 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., PREFORM NO., INSERT NO. & SEAL 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. FOR COMPONENT PART NUMBERS, QUANTITIES AND RELEASE STATUS OF DESIRED UNIT, SEE SEPARATE PARTS LIST.

11. COMPONENT SPECIFIED ARE FOR SOCKET UNITS ONLY AND SHALL BE ASSEMBLED PER 9-5280-2.

10. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.

9. UNITS ILLUSTRATED MEET THE REQUIREMENTS OF MIL-DTL-38999.

8. RESULTANT UNPLATED AREA DUE TO PLATING PROCEDURE IS PERMISSIBLE ON WELL END OF CONTACTS.

NOTES:

RELIABILITY CONTROL

CODE IDENT NO.	SIZE	
77820	C	10-443930 THRU 10-443944

D E | SCALE | WT | PFF | SHEET 3

TAB

[10-443930/44]

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