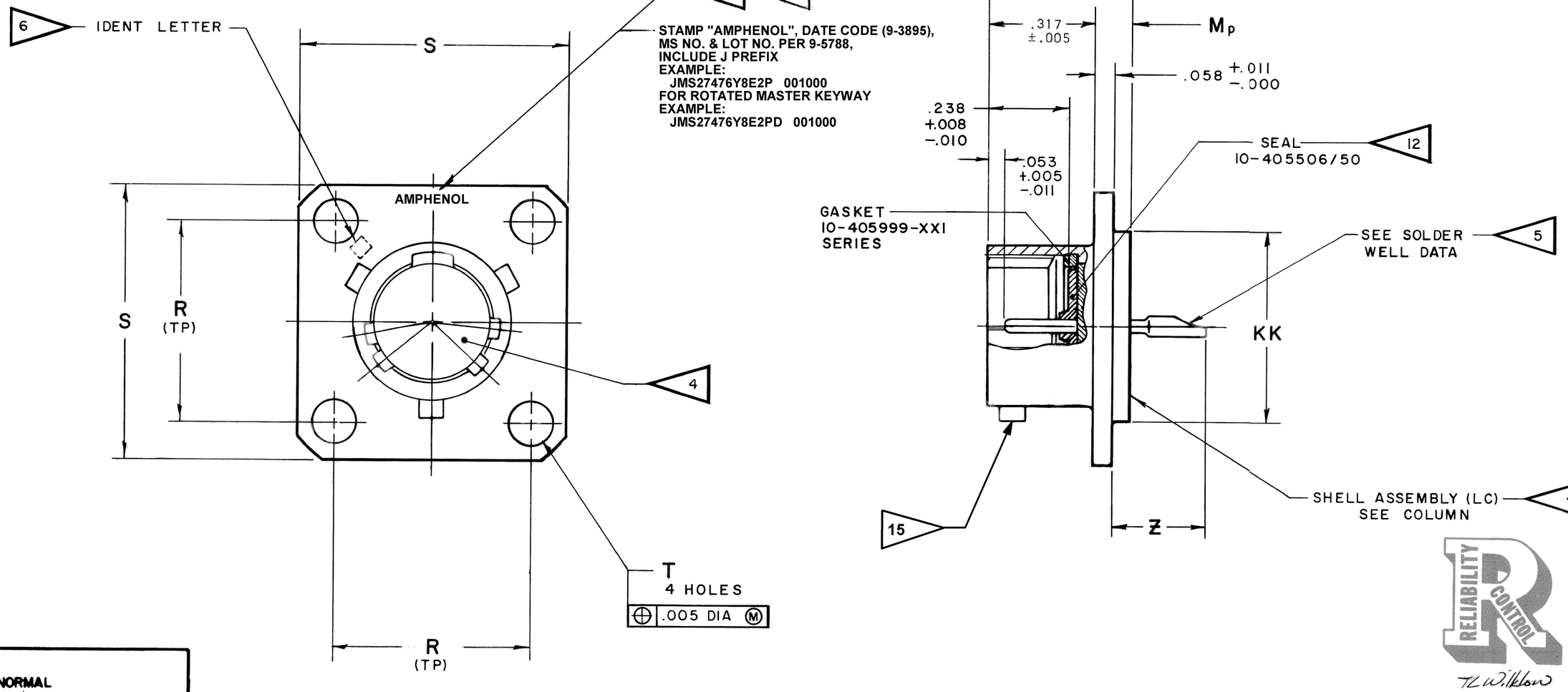
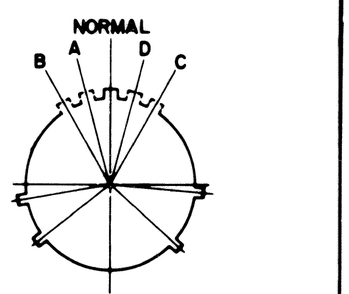
49536-37 REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
SEE RECORD DRAWING FOR REVISIONS A1 THRU C				
	D	(CL II)UPDATED MIL SPEC TITLES; CORRECTED 9-3573-1 TO 9-5373-1; UPDATED SOLDER WELL CHART ECN: B3420	4-3-12 JONES	





RELATIVE POSSIBLE POSITION OF ROTATED MASTER KEYWAY SEE 9-2437- 17

(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 14

SIGNATURES		DATES
PREPARED	BALBUENA	10-8-68
CHECKED	Daniels	10-21-68
MATERIAL		
APPROVED	PJ Stevens	10-10-68
APPROVED	Derzaro	10-21-68

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, NY 13838

TITLE: CONNECTOR, ELECTRICAL RECEPTACLE, TYPE MSJTS-Y( ) FB, GPC, STAINLESS STEEL U

SIZE	CODE IDENT NO.	
C	77820	10-443875 THRU 10-443889

SCALE	WT	REF	SHEET
NONE	SEE PARTS LIST	10-420406/50	1 OF 3

TAB.

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NEXT ASSEMBLY

RELIABILITY CONTROL

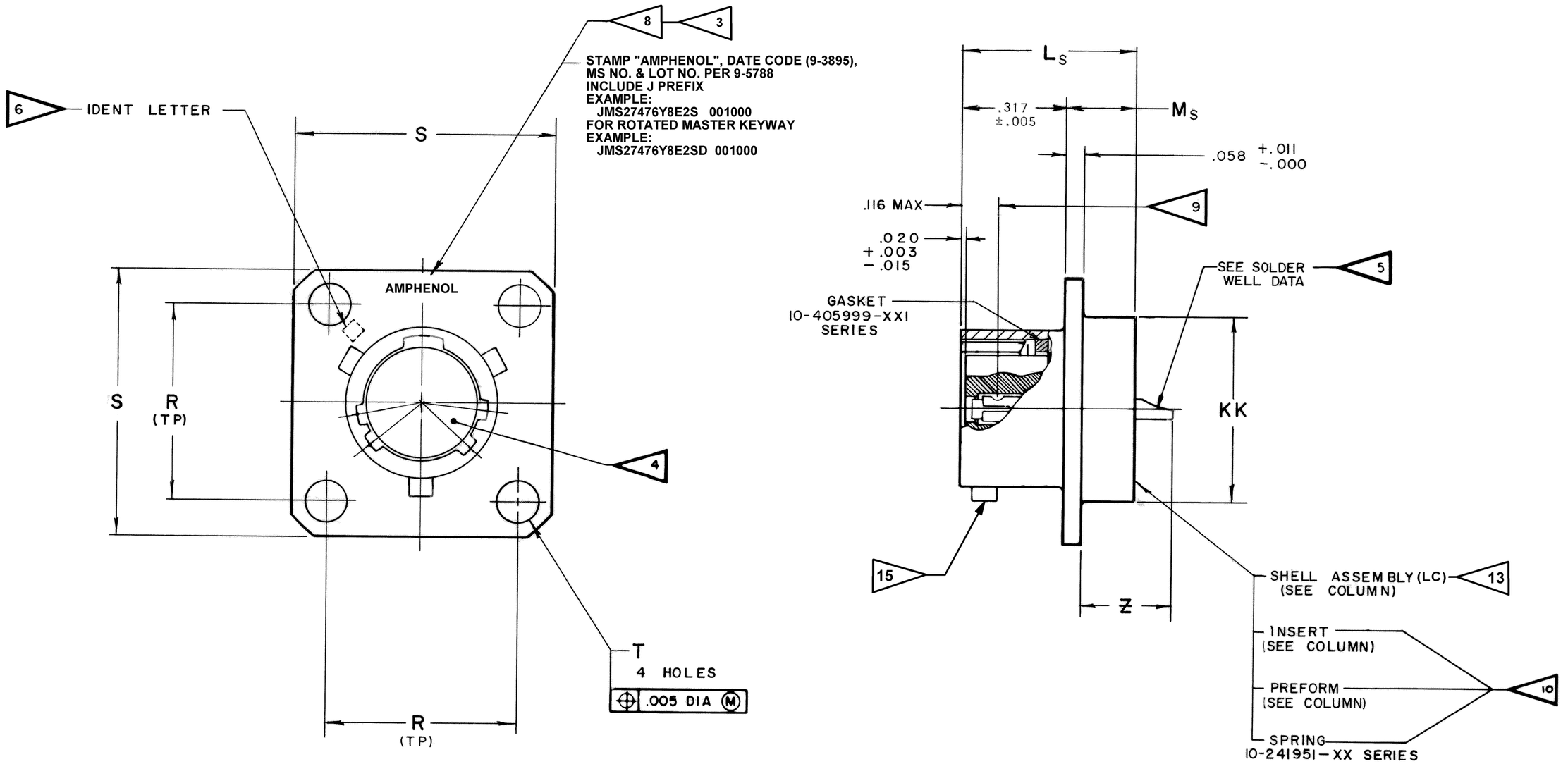
TL Wilklow

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10-443875/89

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10-443875/89

RELIABILITY CONTROL

R

SEE SHEET 3

NOTES: REF SYMBOL

CODE IDENT NO.	SIZE	
77820	C	10-443875 THRU 10-443889

SCALE NONE	WT SEE PARTS LIST	REF 10-420406/60	SHEET 2

49536-37 REV STM A1 A2 A3 B C D

TAB.

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ASSEMBLY NUMBER	MS NO.	SHELL ASSEMBLY	PREFORM	INSERT	M_S +.006 −.005	R (TP)	KK DIA +.001 −.005	LS REF	LP REF	MP +.006 −.005	S +.011 −.010	T DIA ±.005
10-443875-	27476Y 6E	10-444475-										
10-443876-	8E	10-444476-	10-413008-	10-258058-	.220	.594	.562	.537	.426	.109	.812	.120
10-443877-	10E	10-444477-	10-413010-	10-258060-		.719	.672				.938	
10-443878-	12E	10-444478-	10-413012-	10-258062-		.812	.781				1.031	
10-443879-	14E	10-444479-	10-413014-	10-258064-		.906	.906				1.125	
10-443880-	16E	10-444480-	10-413016-	10-258066-		.969	1.031				1.219	
10-443881-	18E	10-444481-	10-413018-	10-258068-		1.062	1.156				1.312	
10-443882-	20E	10-444482-	10-413020-	10-258070-		1.156	1.250				1.438	
10-443883-	22E	10-444483-	10-413022-	10-258072-	.250	1.250	1.375	.567	.455	.138	1.562	
10-443884-	24E	10-444484-	10-413024-	10-258074-	.250	1.375	1.500	.567	.455	.138	1.688	.147
10-443885/89		10-444485/89										

INSERT ARRANGEMENT SUFFIX — 3

INSERT ARRANGEMENT SUFFIX — 3 — 10

INSERT ARRANGEMENT SUFFIX LESS LETTER — 3 — 10

15. PAINT RIVET HEADS BLUE PER 9-6692-1.

14. PROCESS SPEC:
TEST 9-5726-1
ASSY 9-4407-5, 9-5280-2, 9-5373-1
SPECIAL CONTROL 9-6000-2
PROCESS SHEET CONTROL 9-4796
9-2437-17, 9-3895, 9-5788, 9-6692-1

13. (LC) INDICATES ITEM ON LOT CONTROL.

12. ASSEMBLE SEAL TO SHELL ASSY (PIN ONLY) PER 9-5373-1.

11. FOR QUANTITIES AND PART NUMBERS OF THE COMPONENTS FOR THE DESIRED UNIT, SEE SEPARATE PARTS LIST.

10. COMPONENTS SPECIFIED ARE FOR SOCKET ASSY UNITS ONLY & SHALL BE ASSEMBLED PER 9-5280-2.

9. DISTANCE BETWEEN END OF SHELL & THE POINT AT WHICH A GAGE PIN, HAVING THE SAME BASIC DIA AS THE MATING CONTACT & A SQUARE FACE, ENGAGES SOCKET CONTACT SPRING.

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

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

6. MASTER KEYWAY ROTATION IDENTIFICATION LETTER TO APPEAR IN APPROXIMATE POSITION SHOWN EXCEPT FOR NORMAL KEYWAY ROTATION.

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

4. FOR CONTACT ARRANGEMENT PATTERN, SEE DRAWINGS MS27343 THRU MS27351.

3. TO COMPLETE ASSY NO., MS NO., SHELL ASSY NO., PREFORM NO., & INSERT NO. ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE PER 9-2437-17.

2. FOR MATING PLUG ASSEMBLIES, SEE DRAWING 72-443345/59 & OTHERS.

1. ON REAR OF FUSED GLASS INSERT, LETTERS CAN BE INCOMPLETE, BUT ALL LETTERS MUST BE LEGIBLE.

NOTES:

SOLDERWELL DATA				
CONTACT SIZE	22 ALL	20	16	12
WELL DIA. MIN	0.035	0.042	0.069	0.112
WELL DIA. MAX	0.040	0.048	0.082	0.120
WELL DEPTH MIN	0.094	0.125	0.141	0.141
WELL DEPTH MAX	0.125	0.156	0.172	0.172

PIN CONTACT (TOLERANCE: +.021/-.032)					
CONTACT SIZE	12	20	16	22M	22 & 22D
Z DIM	.287	.287	.287	. 287	.287

SOCKET CONTACT (TOLERANCE: +.015/-.025)			
CONTACT SIZE	22M	20	16
Z DIM	.381	.381	.381

RELIABILITY CONTROL

CODE IDENT NO.	SIZE	
77820	C	10-443875 THRU 10-443889

49536-37 | REV SYM | A1 | A2 | A3 | B | C | D |

SCALE NONE | WT SEE PARTS LIST | REF 10-420406/50 | SHEET 3

TAB.

96-21

10-443875/89

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