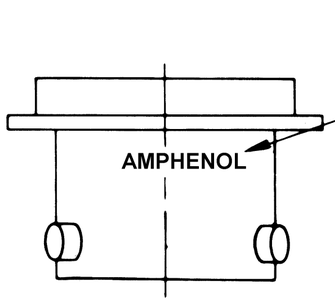
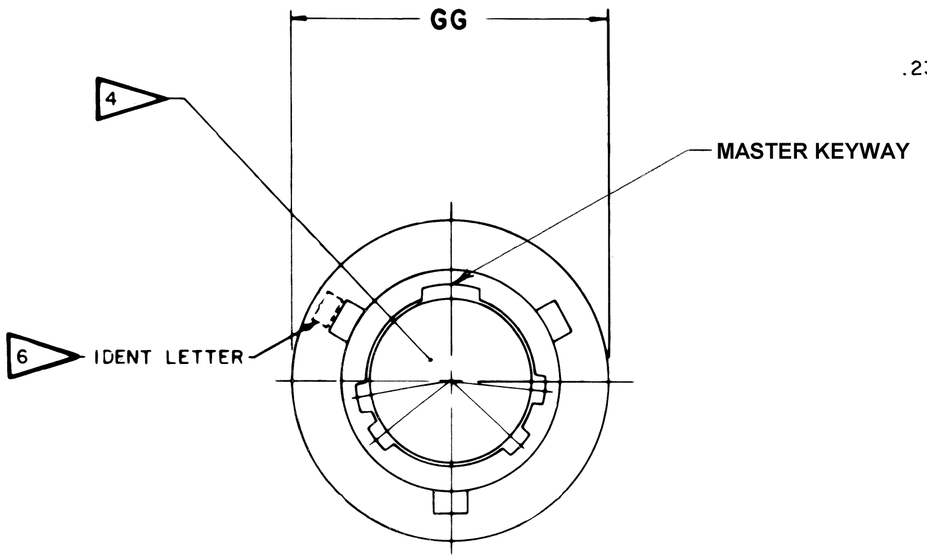
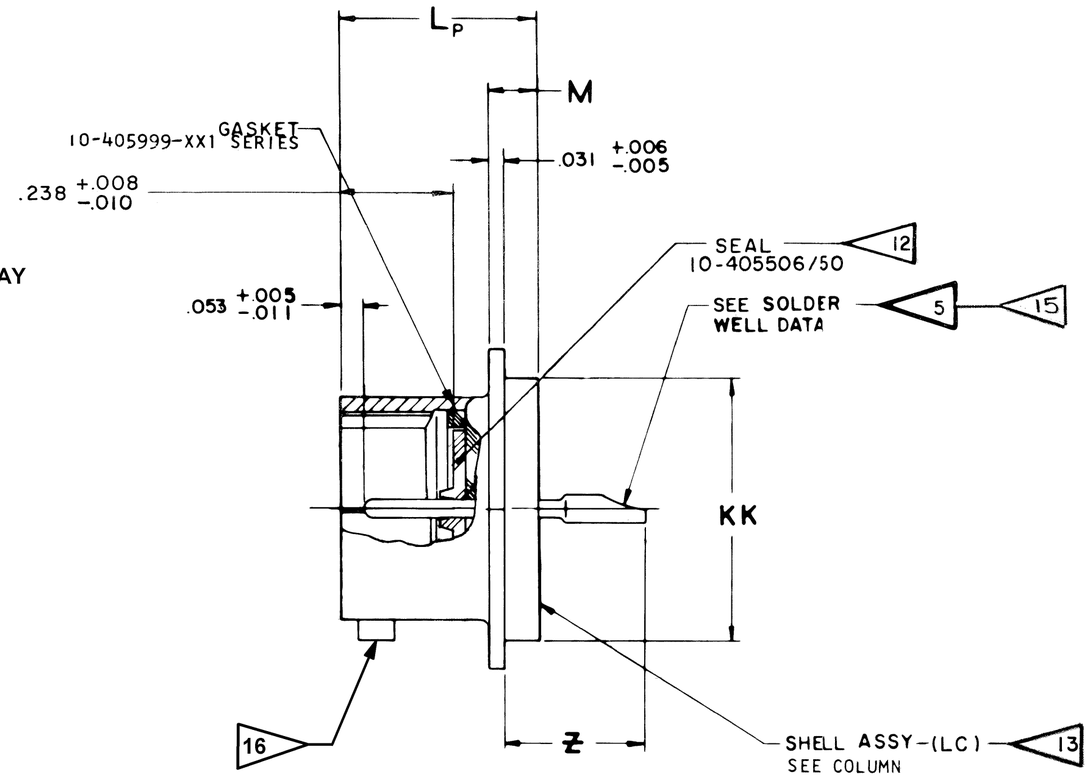
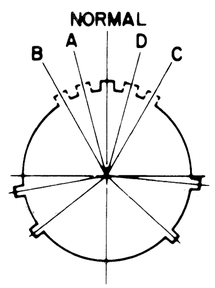
REL NO 48536-58		REVISIONS		
CHG NO.	SYM	DESCRIPTION	DATE	APPROVED
—		FOR CHGS A, THRU C SEE RECORD DWG	—	—
59789 -3	D	(MFG) ADDED 9-3895 (PRCS SPEC); REV STAMPING NOTE	6-23-78 Bowker	Hand
A7032	E	ADDED NOTE 16 & CALL-OUTS	7/20/09	E.PLACE



STAMP "AMPHENOL",
DATE CODE (9-3895),
MS NO. & LOT NO. PER 9-5788
INCLUDE J PREFIX
EXAMPLE:
JMS27478Y8D2P 001000
FOR ROTATED MASTER KEYWAY
EXAMPLE:
JMS27478Y8D2PA 001000







RELATIVE POSSIBLE POSITION
OF ROTATED MASTER KEYWAY
SEE 9-2437-17
(FRONT FACE OF SHELL SHOWN)

SEE SHEET 3

NOTES: REF SYMBOL

ITEM NO.	QTY REQD	DESCRIPTION	PART NUMBER	CODE IDENT	ZONE

PARTS LIST — NEXT ASSEMBLY

UNLESS OTHERWISE SPECIFIED
LINEAR DIMENSIONS ARE IN INCHES
TOLERANCES: 3 PLACES ± .010,
2 PLACES ± .03, 1 PLACE ± .1,
ANGLES ± 2° OTHER STANDARDS PER
SCINTILLA SPEC 9-3800 AND MIL-STD-8

MATERIAL SPEC | PROCESS SPEC SEE SHEET 3

DRAWN: L. SHERMAN DATE: 10-12-67
CHECKED: Bourdon DATE: 10-30-67
MATERIAL: Berlite
STANDARDS: Balantin
DRAFTING:
ENGINEERING: J. Mergaro
DEVELOPMENT: P.J. Plagno 10-30-67

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, NY 13838

TITLE:
CONNECTOR,
ELECTRICAL RECEPTACLE,
TYPE MS JT I-Y( )SM, GPC,
TIN PLATED

U

CODE IDENT NO	SIZE	
77820	C	10-443845 THRU 10-443859

SCALE NONE | WT SEE PARTS LIST | REF 10-420306/50 | SHEET 1 OF 3

R

RELIABILITY CONTROL
TL Wilson

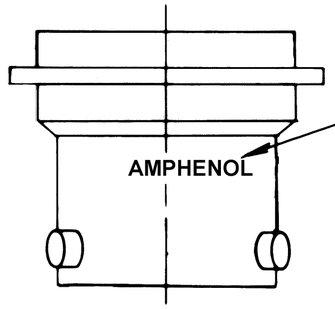
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10-443845/59

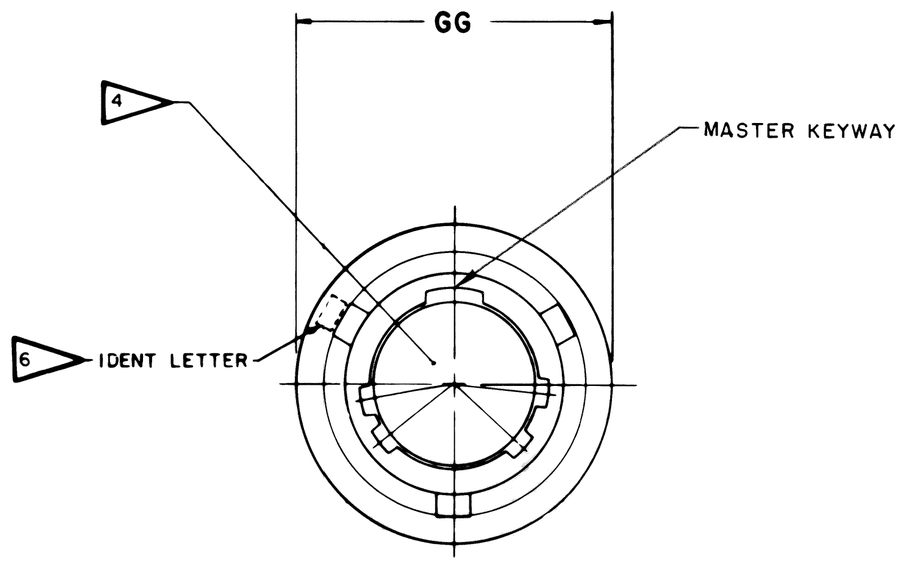
TAB 2

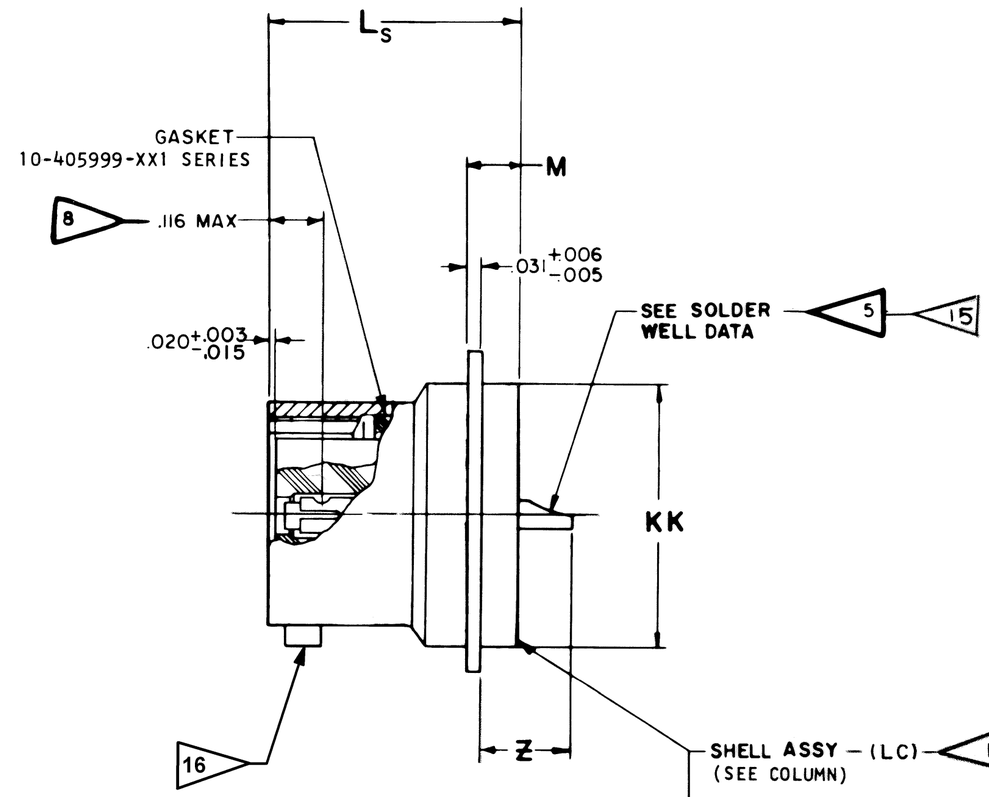
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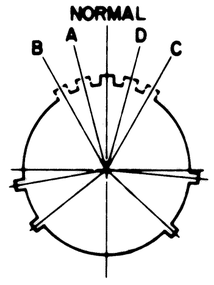
REL NC 48536-58		REVISIONS		
CHG NO.	SYM	DESCRIPTION	DATE	APPROVED
	E	SEE SHEET 1 FOR ALL CHANGES		



3 9 STAMP "AMPHENOL", DATE CODE (9-3895), MS NO. & LOT NO. PER 9-5788 INCLUDE J PREFIX
EXAMPLE:
JMS27478Y8D2S 001000
FOR ROTATED MASTER KEYWAY
EXAMPLE:
JMS27478Y8D2SA 001000







RELATIVE POSSIBLE POSITION OF ROTATED MASTER KEYWAY SEE 9-2437-17
(FRONT FACE OF SHELL SHOWN)

ITEM NO.	QTY REQD	DESCRIPTION	PART NUMBER	CODE IDENT	ZONE

PARTS LIST — NEXT ASSEMBLY

UNLESS OTHERWISE SPECIFIED
LINEAR DIMENSIONS ARE IN INCHES. TOLERANCES: 3 PLACES ± .010, 2 PLACES ± .03; 1 PLACE ± .1; ANGLES ± 2°. OTHER STANDARDS PER SCINTILLA SPEC 9-3800 AND MIL-STD 8.

MATERIAL SPEC | PROCESS SPEC: SEE SHEET 3

DRAWN: L. SHERMAN DATE: 10·12·67
CHECKED: Bourdon DATE: 10-30-67
MATERIAL: Rewhite
STANDARDS: Balaster
DRAFTING: Stewart
ENGINEERING: Vrezaro
DEVELOPMENT: P. J. Plagens 10-30-67

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, NY 13838

TITLE:
CONNECTOR,
ELECTRICAL RECEPTACLE,
TYPE MSJT1-Y()SM,
GPC, TIN PLATED

CODE IDENT NO. 77820 | SIZE C | 10-443845 THRU 10-443859

SCALE NONE | WT SEE PARTS LIST | REF 10-420306/50 | SHEET 2

SEE SHEET 3

NOTES: REF SYMBOL ◁

RELIABILITY CONTROL

10-443845/59

TAB

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ASSEMBLY NUMBER	MS NO.	SHELL ASSEMBLY	PREFORM	INSERT	GG DIA +.011 -.010	KK DIA +.001 -.005	L_P +.006 -.010	M +.006 -.005	L_S +.011 -.010
10-443845-	27478Y6D	10-444445-		NOT AVAILABLE					
10-443846-	8D	10-444446-	10-413008-	10-258058-	.687	.562	.426	.109	.537
10-443847-	10D	10-444447-	10-413010-	10-258060-	.797	.672			
10-443848-	12D	10-444448-	10-413012-	10-258062-	.906	.781			
10-443849-	14D	10-444449-	10-413014-	10-258064-	1.031	.906			
10-443850-	16D	10-444450-	10-413016-	10-258066-	1.156	1.031			
10-443851-	18D	10-444451-	10-413018-	10-258068-	1.281	1.156			
10-443852-	20D	10-444452-	10-413020-	10-258070-	1.375	1.250			
10-443853-	22D	10-444453-	10-413022-	10-258072-	1.500	1.375	.455	.138	.566
10-443854-	24D	10-444454-	10-413024-	10-258074-	1.625	1.500	.455	.138	.566
10-443855/59		10-444455/59-		NOT AVAILABLE					

3 INSERT ARRANGEMENT SUFFIX

INSERT ARRANGEMENT SUFFIX 3

INSERT ARRANGEMENT SUFFIX LESS LETTER 3

REL NO 48536-58	REVISIONS			
CHG NO.	SYM	DESCRIPTION	DATE	APPROVED
	E	FOR ALL CHANGES SEE SHEET 1		

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

15. IT IS NOT PERMISSIBLE TO HAVE ANY UNPLATED AREAS ON CONTACTS AS A RESULT OF PLATING ON CONNECTOR 10-443849-18P.

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

13. (LC) INDICATES ITEM ON LOT CONTROL.

12. ASSEMBLE SEAL TO SHELL ASSEMBLY (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 ASSEMBLY UNITS ONLY AND SHALL BE ASSEMBLED PER 9-5280-2.

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

8. 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.

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

6. MASTER KEYWAY ROTATION IDENTIFICATION LETTER TO APPEAR ON INDICATED SURFACE, EXCEPT FOR NORMAL KEYWAY ROTATION.

5. RESULTANT UNPLATED AREA DUE TO PLATING PROCEDURE IS PERMISSIBLE ON WELL END OF CONTACTS, EXCEPT FOR 10-443849-18P CONNECTOR.

4. FOR CONTACT ARRANGEMENT PATTERN, SEE DRAWING MS27343 AND MS27351.

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

2. FOR MATING PLUG ASSEMBLIES, SEE 87/88-443045/59 & OTHERS.

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

NOTES: REF SYMBOL ◁

RELIABILITY CONTROL

SOLDER WELL DATA

PIN CONTACT					SOCKET CONTACT			
CONTACT SIZE	12	20	16	22,22M,22D	22M	20	16
WELL DIA	.116 +.004 -.002	.045 +.003 -.001	.078 +.004 -.002	.037 +.003 -.001	.030 +.003 -.001	.045 +.003 -.001	.078 +.004 -.002
WELL DEPTH +.020 -.000	.141	.125	.141	.094	.094	.125	.141
Z DIM.	.314 +.026 -.027	.314 +.026 -.027	.314 +.026 -.027	.314 +.026 -.027	.298 +.020 -.021	.298 +.020 -.021	.298 +.020 -.021

ITEM NO.	QTY REQD	DESCRIPTION	PART NUMBER	CODE IDENT	ZONE

PARTS LIST — NEXT ASSEMBLY

UNLESS OTHERWISE SPECIFIED
LINEAR DIMENSIONS ARE IN INCHES. TOLERANCES: 3 PLACES ± .010, 2 PLACES ± .03, 1 PLACE ± .1, ANGLES ± 2°. OTHER STANDARDS PER SCINTILLA SPEC 9-3800 AND MIL STD 8.

MATERIAL SPEC | PROCESS SPEC: SEE NOTE 14

DRAWN: MATTICE DATE: 10-11-67
CHECKED: Bourdon DATE: 10-30-67
MATERIAL: Rubber
STANDARDS: Balantine
DRAFTING: Osmun
ENGINEERING: Bergara
DEVELOPMENT: P.J. Players 10-30-67

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, NY 13838

TITLE: CONNECTOR, ELECTRICAL RECEPTACLE, TYPE MSJTI-Y()SM, GPC, TIN PLATED

CODE IDENT NO.	SIZE	
77820	C	10-443845 THRU 10-443859

SCALE NONE WT SEE PARTS LIST REF 10-420306/50 SHEET 3

TAB.

10-443845/59

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