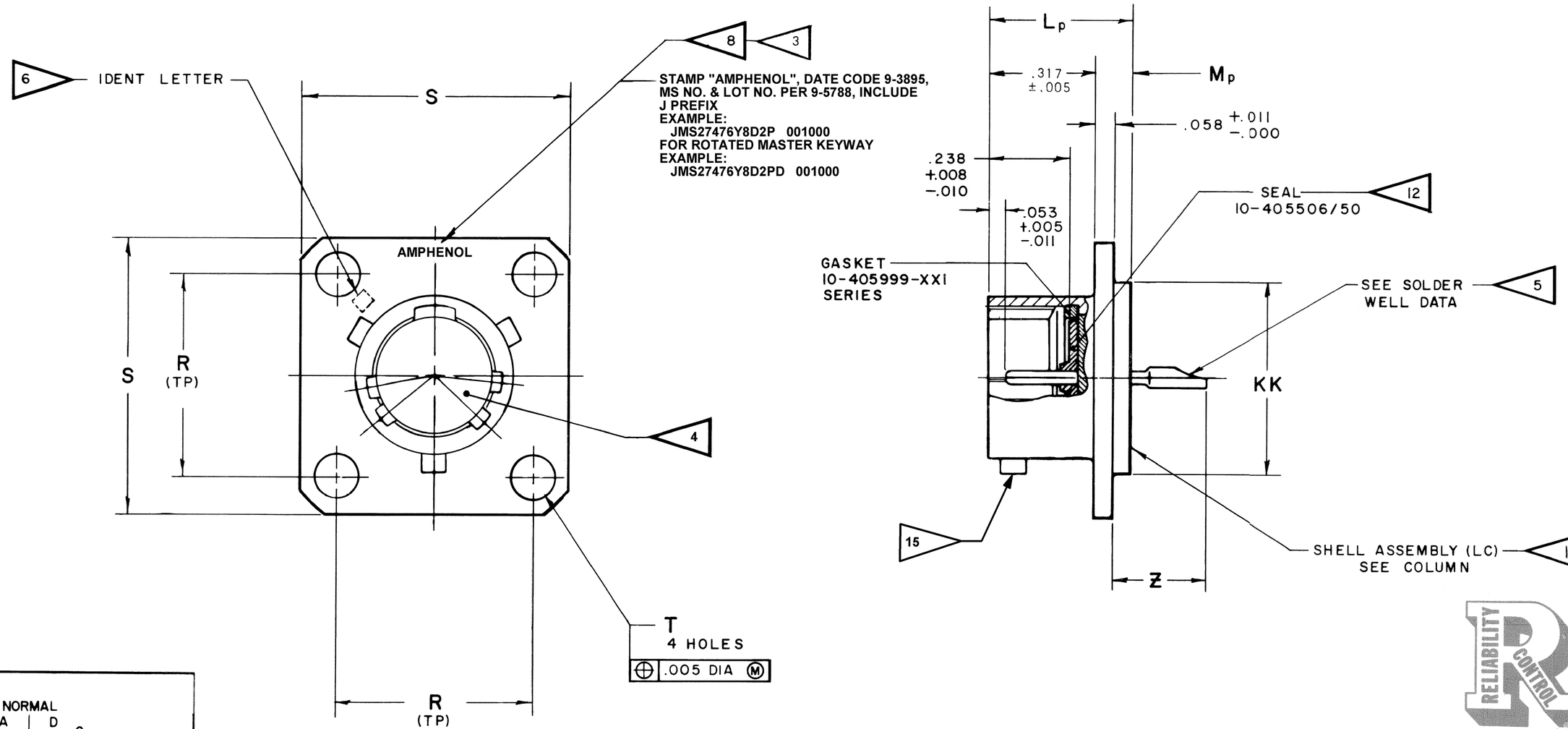
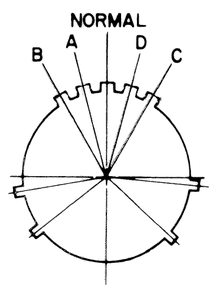
49536-293 REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
—		FOR CHGS A, THRU B SEE RECORD DWG	—	—
	C	(MFG) ADDED 9-3895 (PRCS SPEC); REV STAMPING NOTE ECN 59789-3	6-23-78 BOWker	
—	D	INCORRECT SHELL CALL OUT ON 10-443817-05E - CHANGE PER ECN 87034	9-199 STEINMAN	
	E	(CL I) ADDED NOTE 15 & CALL-OUTS ECN: A7011-0000	6/17/09	E.PLACE





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

(FRONT FACE OF SHELL SHOWN)

SEE SHEET 3

NOTES:

RELIABILITY CONTROL

TC Wilklow

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

SIGNATURES	DATES
PREPARED SHEPLER	7-1-69
CHECKED Daniels	9.9.69
MATERIAL Kel-F tube	
APPROVED P.J. Plympton	7-14-69
APPROVED V. Sferraro	9-4-69

MATERIAL SPEC

PROCESS SPEC SEE NOTE 14

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, NY 13838

TITLE: CONNECTOR, ELECTRICAL RECEPTACLE, TYPE MSJT −Y( ) FB, GPC, TIN PLATED

U

SIZE	CODE IDENT NO.	
C	77820	10-443815 THRU 10-443829

SCALE NONE | WT SEE PARTS LIST | REF 10-443875/89 | SHEET 1 OF 3

TAB.

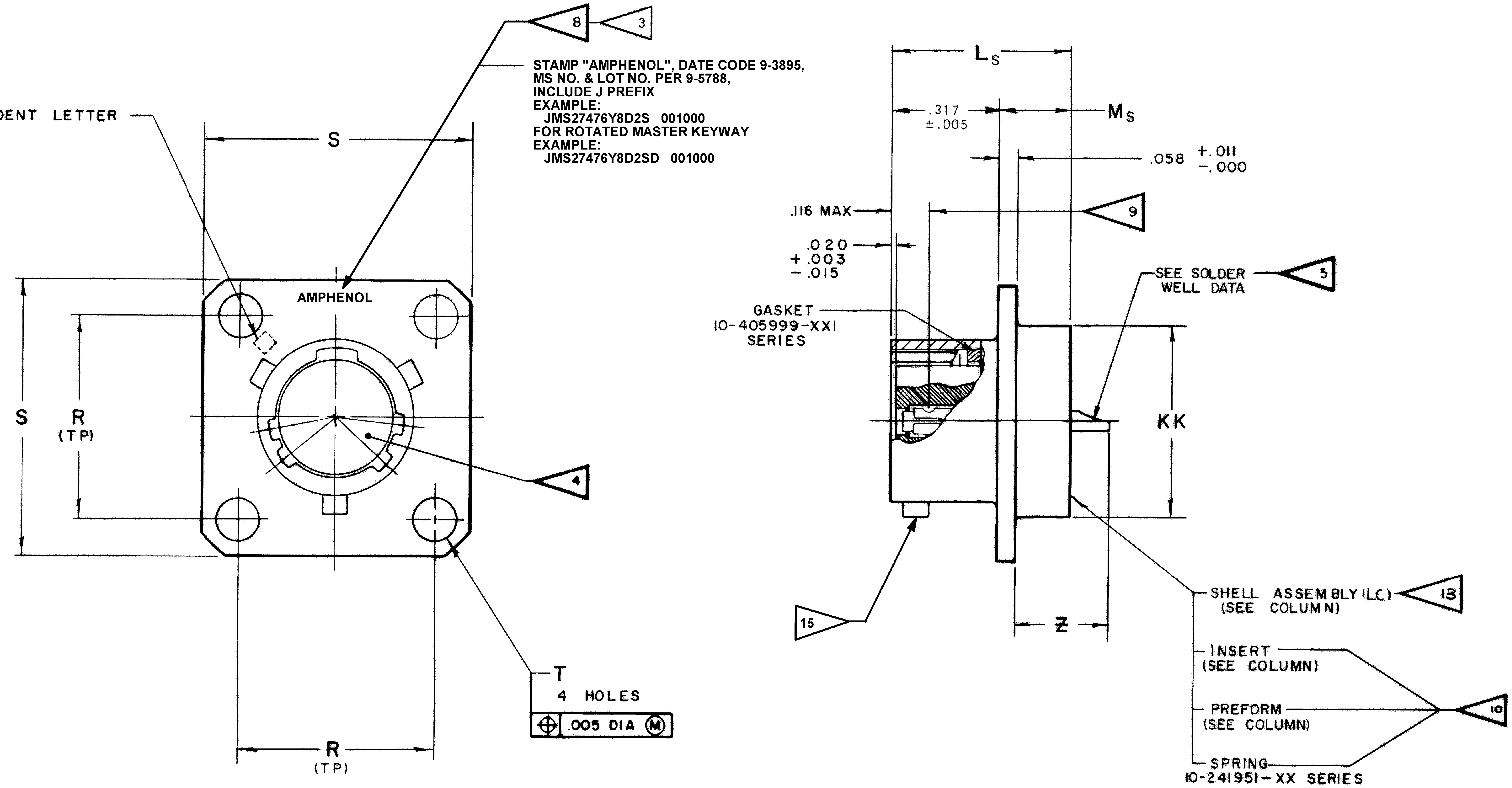
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NEXT ASSEMBLY

10-443815/29

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SEE SHEET 3

NOTES: REF SYMBOL ◁

10-443815/29

RELIABILITY CONTROL

REL. NO. 49536-293	REV SYM	C	D	E	

CODE IDENT NO.	SIZE	
77820	C	10-443815 THRU 10-443829

SCALE NONE	WT SEE PARTS LIST	REF 10-443875/89	SHEET 2

TAB.

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ASSEMBLY NUMBER	MS NO.	SHELL ASSEMBLY	PREFORM	INSERT	M_S +.006 −.005	R (TP)	KK DIA +.001 −.005	L_S REF	L_P REF	M_P +.006 −.005	S +.011 −.010	T DIA ±.005
10-443815-	27476Y 6D	10-444415-										
10-443816-	8D	10-444416-	10-413008-	10-258058-	.220	.594	.562	.537	.426	.109	.812	.120
10-443817-	10D	10-444417-	10-413010-	10-258060-		.719	.672				.938	
10-443818-	12D	10-444418-	10-413012-	10-258062-		.812	.781				1.031	
10-443819-	14D	10-444419-	10-413014-	10-258064-		.906	.906				1.125	
10-443820-	16D	10-444420-	10-413016-	10-258066-		.969	1.031				1.219	
10-443821-	18D	10-444421-	10-413018-	10-258068-		1.062	1.156				1.312	
10-443822-	20D	10-444422-	10-413020-	10-258070-		1.156	1.250				1.438	
10-443823-	22D	10-444423-	10-413022-	10-258072-	.250	1.250	1.375	.567	.455	.138	1.562	
10-443824-	24D	10-444424-	10-413024-	10-258074-	.250	1.375	1.500	.567	.455	.138	1.688	.147
10-443825/29-		10-444425/29										

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; 9-5788; 9-2437-17, 9-3895, **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-C-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:

SOLDER WELL DATA								
	PIN CONTACT					SOCKET CONTACT		
CONTACT SIZE	12	20	16		22M, 22 & 22D	22 M	20	16
SOLDER WELL DIA	.116 +.004 −.002	.045 +.003 −.001	.078 +.004 −.002		.037 +.003 −.001	.030 +.003 −.001	.045 +.003 −.001	.078 +.004 −.002
SOLDER WELL DEPTH +.020 −.000	.141	.125	.141		.094	.094	.125	.141
Z DIM	.287 +.021 −.032	.287 +.021 −.032	.287 +.021 −.032		.287 +.021 −.032	.381 +.015 −.025	.381 +.015 −.025	.381 +.015 −.025

10-443815/29

R

RELIABILITY CONTROL

CODE IDENT NO	SIZE	
77820	C	10-443815 THRU 10-443829

REL. NO. 49536-293 | REV SYM C D E | SCALE NONE | WT SEE PARTS LIST | REF 10-443875/89 | SHEET 3

TAB.

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