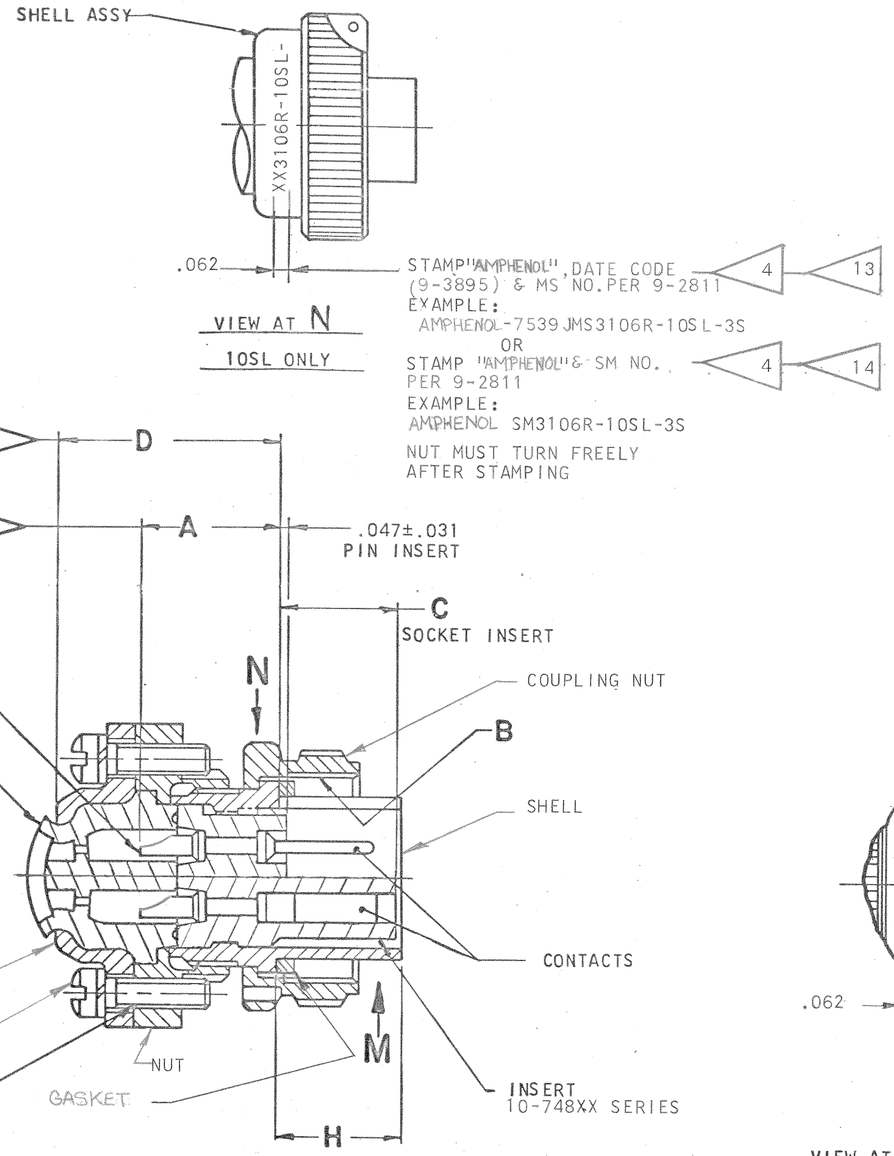
35508-462 REVISIONS				
ZONE	LTR	DISCRIPTION	DATE	APPROVED
	A12	REDRAWN SAME SIZE; REVISED & STANDARDIZED (SEE CHANGE NOTICE) ECN: 55525-43	11-30-72 LAMBRECHT	
	B	(MFG); ADD. 9-3895(PROCESS SPEC); REV STAMPING NOTES ECN57216-1	12.22.75 Rudell	
	C	(MFG); REV STAMPING NOTE 13 ECN 57738-4	5-19-76 BOWKER	
	D	(CL II) WAS 10-101937-12 (PACKING -10SL) ECN: 71290-1	7-15-80 LONGWELL	
	E	(CL II) SEE CHANGE NOTICE ECN: 74790-5	12.14.83 Prescott	
	F	(CLII) SEE ECN 87190	8/1/02	
	G	(CL I) SEE CHANGE NOTICE ECN: A3023	1-23-09	H.BROOKER



CONTACT DATA (WHERE APPLICABLE)			
THERMOCOUPLE		COAXIAL	
MATERIAL	IDENTIFICATION	ARR	CABLE
CHROMEL	WHITE		
ALUMEL	GREEN		
IRON	BLACK		
CONSTANTAN	YELLOW		
INSERT ARRANGEMENTS CONTAINING THERMOCOUPLE OR COAXIAL CONTACTS MUST HAVE SUCH CONTACTS ASSEMBLED INTO THE INSERT IN PROPER LOCATIONS AS SPECIFIED BY APPLICABLE DRAWING L-11908-() THRU L-11948-( ).			

STANDARD SOLDER WELL DATA						SPECIAL SOLDER WELL DATA			THERMOCOUPLE	
CONTACT SIZE	0	4	8	12	16	8 FOR NO. 6 WIRE	12 FOR NO. 10 WIRE	16 FOR NO. 12 WIRE	12	16
WELL DIA	$.469^{+.005}_{-.003}$	$.332^{+.005}_{-.003}$	$.209^{+.004}_{-.002}$	$.116^{+.004}_{-.002}$	$.078^{+.004}_{-.002}$	.250±.003	$.152^{+.004}_{-.002}$	$.109^{+.004}_{-.001}$	$.125^{+.004}_{-.002}$	$.094^{+.004}_{-.002}$
WELL DEPTH $^{+.031}_{-.000}$	.625	.625	.500	.375	.250	.500	.250	.188	.250	.188

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 E PESSAGNO	1-7-66
CHECKED	10-2-73
MATERIAL	
APPROVED	12-7-72
APPROVED	10 4 73

MATERIAL SPEC	PROCESS SPEC
	TEST 9-3106-5
	ASSY 9-3103-1
	9-2437
	9-2811
	9-3895

The Bendix Corporation
Electrical Components Division
Sidney, New York

TITLE: CONNECTOR, ELECTRICAL PLUG, TYPE MS-R, SM-R OMC

U

SIZE	CODE IDENT NO.	
C	77820	10-190608 THRU 10-190650

SCALE NONE | WT SEE PARTS LIST | REF 10-131608/50 | SHEET 1 OF 2

SEE SHEET 2
NOTES;

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

NEXT ASSEMBLY

TAB 2

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ASSEMBLY NUMBER	13 MS OR SM NO. 14	SHELL SIZE	SHELL	COUPLING NUT	SLEEVE	NUT	SCREW (2 REQD)	PACKING	A MAX	B THREAD CLASS 2B	C +.047 -.000	D MAX	F MAX	G THREAD CLASS 2	H ±.005	J DIA MAX	L DIA MAX
10-190608-	3106R-8S-	-8S	10-37266- 8	10-37265- 8	10-130029-83	10-130028- 83	10-101152- 83	10-101937-08	.607	.500 -28UNEF	.531	1.057	.959	6-32UNC	.531	.741	.557
10-190610-	-10S-	-10S	10-37266-10	10-37265-10	-103	-103	10-101152-83	10-101937-10		.625 -24UNEF			1.026			.875	.682
10-190611-	-10SL-	-10SL	10-113488-11	(SHELL ASSY)	-123	-123		10-101937-10		.625 -24UNEF			1.120			.946	.807
10-190612-	-12S-	-12S	10-37266-12	10-37265-12	-123	-123		10-101937-12		.750 -20UNEF			1.120			.995	.807
10-190613-	-12-	-12	-13	-13	-123	-133		10-101937-12	.857	.750 -20UNEF	.719	1.212	1.120		.719	.995	.807
10-190614-	-14S-	-14S	-14	-14	-143	-143		10-101937-14	.607	.875 -20UNEF	.531	1.057	1.307		.531	1.123	.932
10-190615-	-14-	-14	-15	-15	-143	-153		10-101937-14	.857	.875 -20UNEF	.719	1.212	1.307		.719	1.123	.932
10-190616-	-16S-	-16S	-16	-16	-163	-163		10-101937-16	.607	1.000 -20UNEF	.531	1.057	1.432		.531	1.250	1.057
10-190617-	-16-	-16	-17	-17	-163	-173		10-101937-16	.857	1.000 -20UNEF	.719	1.212	1.432		.719	1.250	1.057
10-190618-	-18-	-18	-18	-18	-183	-183		10-101937-18		1.125 -18UNEF			1.557			1.333	1.182
10-190620-	-20-	-20	-20	-20	-203	-203	10-101151-83	10-101937-20		1.250 -18UNEF			1.744	8-32UNC		1.461	1.291
10-190622-	-22-	-22	-22	-22	-223	-223	10-101151-83	10-101937-22		1.375 -18UNEF			1.869	8-32UNC		1.588	1.432
10-190624-	-24-	-24	-24	-24	-243	-243	10-101151-93	10-101937-24		1.500 -18UNEF		1.291	1.994			1.715	1.557
10-190628-	-28-	-28	-28	-28	-283	-283	10-101151-93	10-101937-28		1.750 -18UNS			2.166			1.968	1.807
10-190632-	-32-	-32	-32	-32	-323	-323	10-101270-93	10-101937-32		2.000 -18UNS		1.353	2.541	10-32UNF		2.209	2.057
10-190636-	-36-	-36	-36	-36	-363	-363		10-101937-36		2.250 -16UN			2.729			2.463	2.260
10-190640-	-40-	-40	-40	-40	-403	-403		10-101937-40		2.500 -16UN			2.979			2.719	2.510
10-190641/50-			NOT AVAILABLE														

5

8. ALL LOCKWIRE HOLES ARE .045 DIA MIN.

7. LUBRICATE PACKING WITH A THIN COATING OF COMPOUND MIL-S-8660.

6. SEE DRAWING 10-190208 THRU 10-190250 & OTHERS FOR MATING RECEPTACLE ASSEMBLIES.

5. TO COMPLETE ASSY NO.,MS NO.,OR SM NO., ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE (FOR ALTERNATE ARRANGEMENTS, REFER TO 9-2437).

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

3. DIMENSION INDICATES FINAL INSTALLATION. FOR STORAGE & SHIPPING, NUT & SLEEVE MUST BE LOOSELY COUPLED.

2. FOR CONTACT SIZE, SPACING & SERVICE RATING SEE DRAWINGS MS33680 THRU MS33693 & L-11908/48.

1. FOR COMPONENT PART NUMBERS, QUANTITIES AND RELEASE STATUS OF THE DESIRED UNIT, SEE SEPARATE PARTS LIST.

14. CONNECTOR ASSEMBLIES 10-190608-50/ 10-190650-50/-99, EXCEPT THOSE LISTED IN NOTE 13, ARE STAMPED WITH SM NO.

13. CONNECTOR ASSEMBLIES 10-190608-1/-49 THRU 10-190650-1/-49 AND 10-190636-52, 10-190640-56 AND 10-190640-62 ARE STAMPED WITH MS NO.

12. ALL UNUSED GROMMET HOLES MUST BE FILLED WITH APPROPRIATE SIZE SEALING PLUGS; SEALING PLUGS ARE PART OF MS STAMPED ASSEMBLIES ONLY.

11. PACKAGE PER PRODUCTION PROCESS SHEET.

10. INCREASE "A" DIMENSION BY .312 FOR SIZE "0" CONTACT ONLY.

9. UNITS ILLUSTRATED MEET THE MATERIAL & FINISH REQUIREMENTS OF MIL-C-5015.

NOTES:

SIZE	CODE IDENT NO.	10-190608 THRU 10-190650
C	77820	

REV SYM A 2 B C D E F | SCALE | WT | REF | SHEET 2

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TAB.