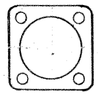
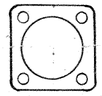
ACCESSORIES
(NOT PART OF STANDARD ASSEMBLY)

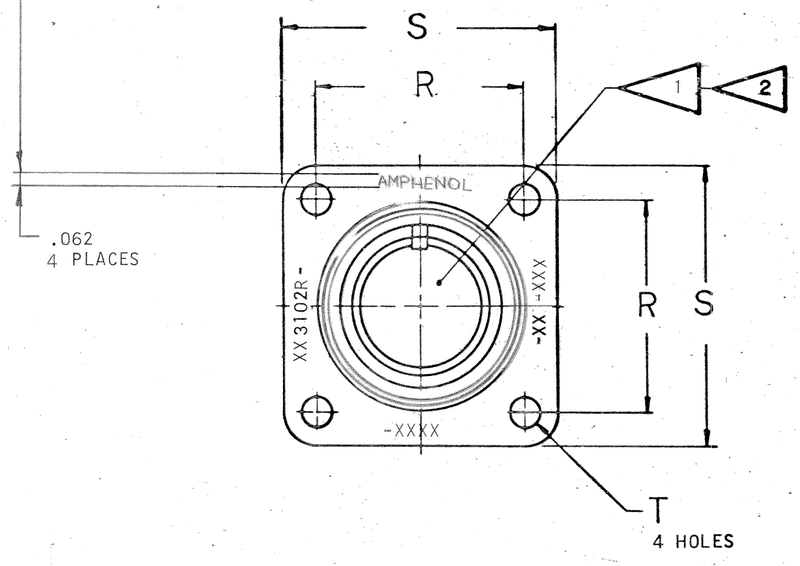
 FLANGE GASKET, PLAIN 10-40450-( )	 FLANGE GASKET, SHIELDING 10-40450-(SHELL SIZE)S

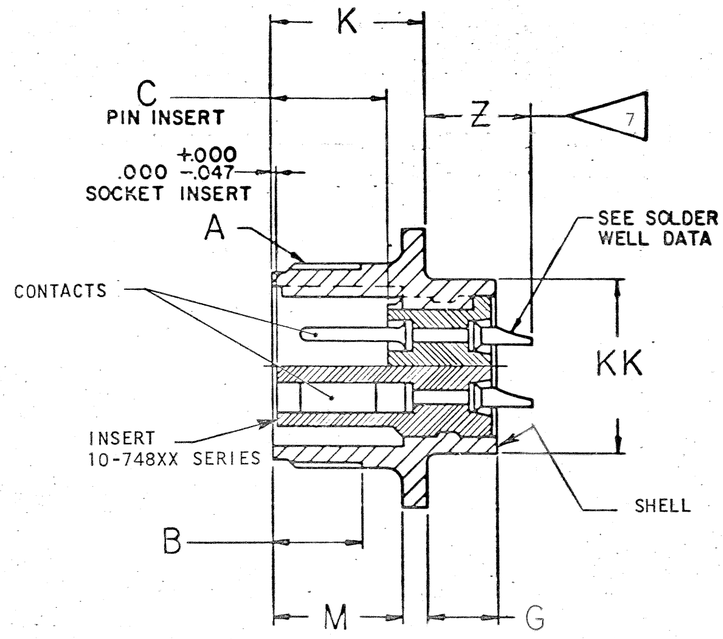
35508-462

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A_8	REDRAWN SAME SIZE; REVISED & STANDARDIZED (SEE CHANGE NOTICE) ECN: 55525-42	11-30-72 LAMBRECHT	
	A_9	WAS 11SL (MS OR SM COL) ECN: 55525-119	2-4-74 SHEPLER	
	B	(MFG); ADD. 9-3895 (PROCESS SPEC); REV STAMPING NOTE ECN 57216-4	12.22.75 Rudell	
	C	(MFG); REV STAMPING NOTE 9 ECN 57738-3	5-19-76 BOWKER	
	D	(CL II) SEE ECN 91396	8/9/02	

STAMP "AMPHENOL" & SM NO. PER 9-2811 EXAMPLE:
AMPHENOL SM3102R-18-54P
OR
STAMP "AMPHENOL", DATE CODE(9-3895) & MS NO. PER 9-2811 EXAMPLE:
AMPHENOL-7539JMS3102R-18-1P





CONTACT DATA (WHERE APPLICABLE)				
THERMOCOUPLE		COAXIAL		
MATERIAL	IDENTIFICATION	ARR	CABLE	Z_1 DIM MAX
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 DWG 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	$.469^{+.005}_{-.003}$	$.332^{+.005}_{-.003}$	$.209^{+.004}_{-.002}$	$.116^{+.004}_{-.002}$	$.078^{+.004}_{-.002}$	$.250\pm.003$	$.152^{+.004}_{-.002}$	$.109^{+.004}_{-.001}$	$.125^{+.004}_{-.002}$	$.094^{+.004}_{-.002}$
WELL DEPTH $^{+.031}_{-.000}$	.625	.625	.500	.375	.250	.500	.250	.188	.250	.188

PARTS LIST

FIND NO.	QTY REQD	CODE IDENT	PART NUMBER	DESCRIPTION	NOTE REF

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 JOYCE	9/25/58
CHECKED Wist	10-2-73
MATERIAL	
APPROVED C Shepler	12-7-72
APPROVED H M Ramsey	10.4.73

MATERIAL SPEC	PROCESS SPEC
	TEST 9-3106-1 ASSY 9-3238-1
	9-2437 9-2811 9-3895

The Bendix Corporation
Electrical Components Division
Sidney, New York

TITLE: CONNECTOR, ELECTRICAL RECEPTACLE, TYPE MS-R, SM-R ( ) FB

U

SIZE	CODE IDENT NO.	
C	77820	10-190208 THRU 10-190250

SCALE NONE | WT SEE PARTS LIST | REF 10-131208/50 | SHEET 1 OF 2

SEE SHEET 2

NOTES:

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

NEXT ASSEMBLY

TAB.

10-190208/50

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ASSEMBLY NUMBER	MS OR SM NO. (9 / 10)	SHELL	A THREAD (PLATED) CLASS 2A	B MIN FULL THD	C ±.031	G +.000 -.010	K +.020 -.010	M +.010 -.000	R ±.005	S	T DIA +.004 -.002	Z MAX	KK DIA +.010 -.000
10-190208+	3102R- 8S -	10-37262- 8	.500-28 UNEF	.391	.484	.297	.672	.562	.594	.875	.120	.472	.375
10-190210+	-10S -	-10	.625-24 UNEF						.719	1.000			.500
10-190211+	-10SL-	-11	.625-24 UNEF						.719	1.000			.625
10-190212+	-12S -	-12	.750-20 UNEF	.450					.812	1.094			
10-190213+	-12 -	-13	.750-20 UNEF	.625	.672	.484	.860	.750	.812	1.094		.722	
10-190214+	-14S -	-14	.875-20 UNEF	.450	.484	.297	.672	.562	.906	1.188		.472	.750
10-190215+	-14 -	-15	.875-20 UNEF	.625	.672	.484	.860	.750	.906	1.188		.722	.750
10-190216+	-16S -	-16	1.000-20 UNEF	.450	.484	.297	.672	.562	.969	1.281		.472	.875
10-190217+	-16 -	-17	1.000-20 UNEF	.625	.672	.484	.860	.750	.969	1.281		.722	.875
10-190218+	-18 -	-18	1.125-18 UNEF			.453	.891		1.062	1.375		.691	1.000
10-190220+	-20 -	-20	1.250-18 UNEF						1.156	1.500			1.125
10-190222+	-22 -	-22	1.375-18 UNEF						1.250	1.625			1.250
10-190224+	-24 -	-24	1.500-18 UNEF				.953	.812	1.375	1.750	.147	.628	1.375
10-190228+	-28 -	-28	1.750-18 UNS				.953	.812	1.562	2.000	.147	.628	1.625
10-190232+	-32 -	-32	2.000-18 UNS			.438	1.031	.875	1.750	2.250	.173	.550	1.875
10-190236+	-36 -	-36	2.250-16 UN			.438			1.938	2.500			2.062
10-190240+	-40 -	-40	2.500-16 UN			.438			2.188	2.750			2.312
10-190241/50		NOT AVAILABLE											

5

8. UNITS ILLUSTRATED MEET THE MATERIAL & FINISH REQUIREMENTS OF MIL-C-5015.
7. INCREASE "Z" DIMENSION BY .312 FOR SIZE "0" CONTACT.ONLY.
6. FOR COMPONENT PART NUMBERS, QUANTITIES AND RELEASE STATUS OF THE DESIRED UNIT, SEE SEPARATE PARTS LIST.
5. TO COMPLETE ASSEMBLY NUMBER, SM NO., OR MS NO., ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE. (FOR ALTERNATE ARRANGEMENTS, REFER TO 9-2437),
4. FOR MATING PLUG ASSEMBLIES, SEE DRAWING 10-190608 THRU 10-190650 & OTHERS.
3. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
2. INSERTS AND CONTACTS ARE NOT REMOVABLE.
1. FOR CONTACT SIZE , SPACING & SERVICE RATING, SEE DRAWINGS MS33680 THRU MS33693 & L-11908-() THRU L-11948-().

10. CONNECTOR ASSEMBLIES 10-190208-50/-99 THRU 10-190250-50/-99, EXCEPT THOSE LISTED IN NOTE 9, ARE STAMPED WITH SM NO.
9. CONNECTOR ASSEMBLIES 10-190208-1/-49 THRU 10-190250-1/-49 AND 10-190236-52, 10-190240-56 AND 10-190240-62 ARE STAMPED WITH MS NO.

NOTES:

SIZE	CODE IDENT NO.	10-190208 THRU 10-190250
C	77820	

REV SYM	SCALE	WT	REF	SHEET
A8 A9 B C D				2

TAB.

10-190208/50

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