

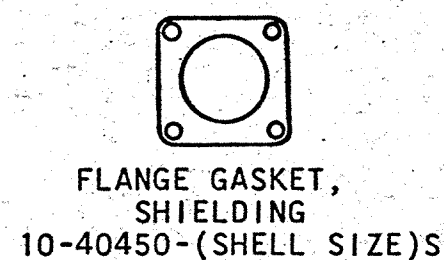
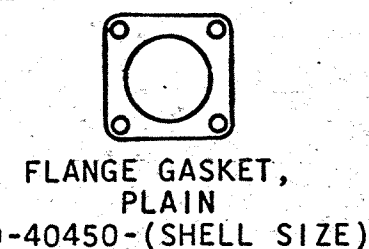
4

3

2

1

ACCESSORIES



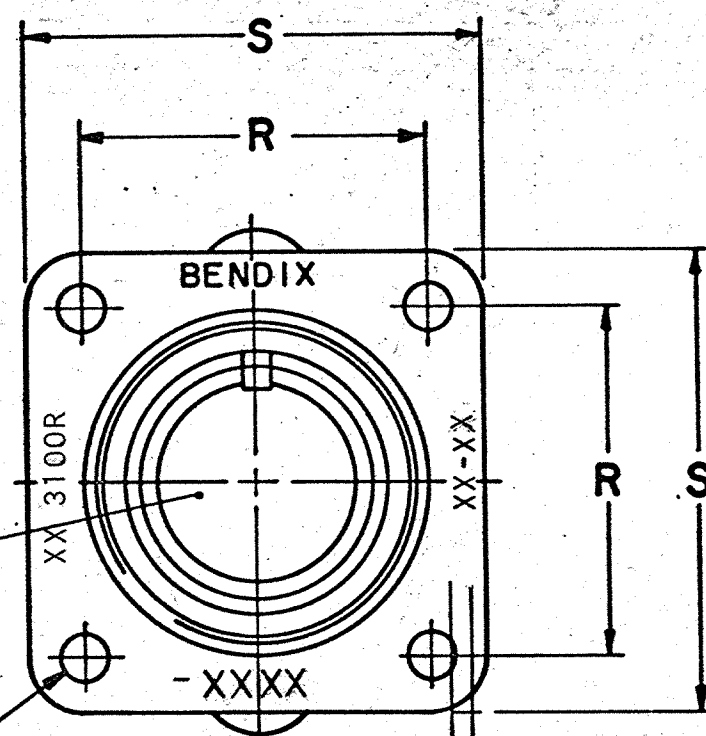
CONTACT DATA (WHERE APPLICABLE)

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-().				

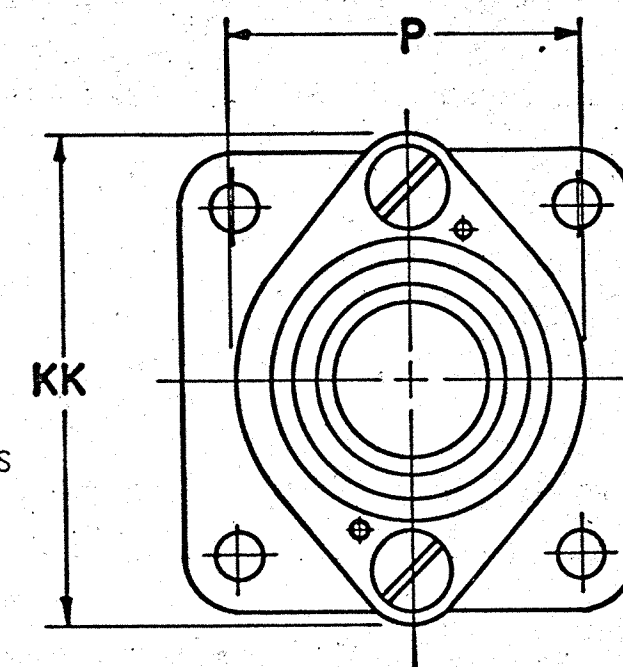
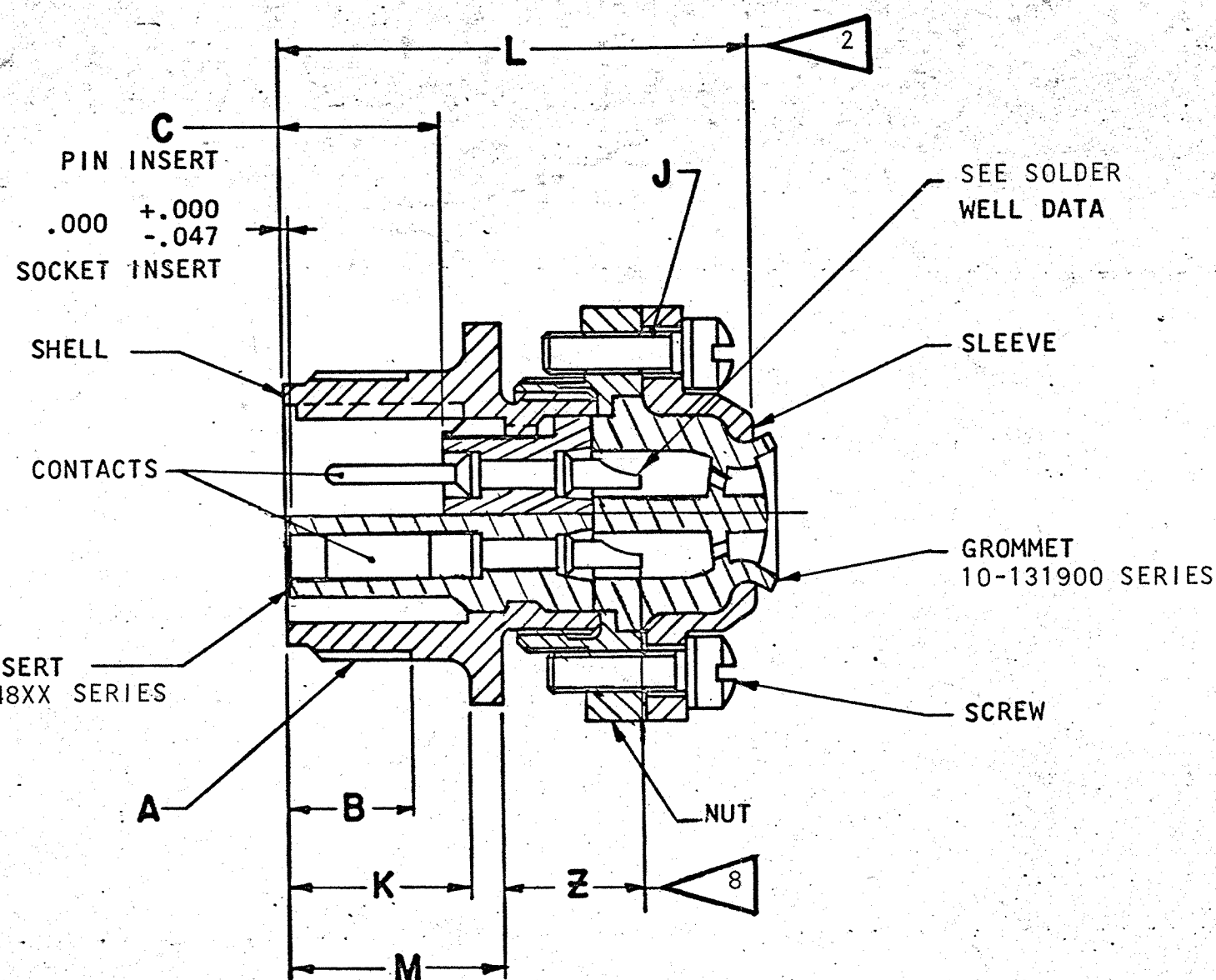
35508-462

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A8	REDRAWN SAME SIZE; REVISED & STANDARDIZED (SEE NOTICE OF CHANGE) ECN: 55525-40	12-1-72 LAMBRECHT	<i>Harmon</i>
	B	(MFG); ADD. 9-3895 (PROCESS SPEC); REV STAMPING NOTE ECN: 57216-2	12-22-75 <i>Harmon</i>	<i>Harmon</i>
	C	(MFG); REV STAMPING NOTE 14 ECN: 57738-1	5-19-76 BOWKER	<i>Shaver</i>
	D	(CL II) SEE CHANGE NOTICE ECN: 74790-5	12-14-83 Prescott	<i>Had</i>



4 HOLES

.062
4 PLACESSTAMP "BENDIX" &
SM NO. PER 9-2811
EXAMPLE:
BENDIX SM3100R-18-54P
ORSTAMP "BENDIX", DATE CODE (9-3895) &
MS NO. PER 9-2811
EXAMPLE:
BENDIX-7539 MS3100R-18-1P

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	.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	The Bendix Corporation Electrical Components Division Sidney, New York TITLE: CONNECTOR, ELECTRICAL RECEPTACLE, TYPE MS-R, SM-R () FW SIZE C CODE IDENT NO. 77820 10-190008 THRU 10-190050 SCALE NONE SEE PARTS LIST REF SHEET 1 OF 2
MATERIAL SPEC PROCESS SPEC TEST 9-3106-1 ASSY 9-3238-1 9-2437 9-2811 9-3895			PREPARED JOYCE	9-26-58	
			CHECKED <i>Whist</i>	10-2-73	
			MATERIAL		
			APPROVED <i>E. Shepler</i>	12-7-72	
			APPROVED <i>Wm Harmon</i>	10-4-73	

SEE SHEET 2.
NOTES:

[illegible]

8. INCREASE Z DIMENSION BY .312 FOR SIZE "0" CONTACT.
7. ALL LOCKWIRE HOLES ARE .045 DIA MIN.
6. SEE DRAWINGS 10-190608 THRU 10-190650 AND OTHERS FOR REQUIRED MATING PLUG ASSEMBLIES.
5. INSERTS AND CONTACTS ARE NOT REMOVABLE.
4. TO COMPLETE ASSEMBLY NO., SM NO. OR MS NO., ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE. (FOR ALTERNATE ARRANGEMENTS, REFER TO 9-2437).
3. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
2. DIMENSION INDICATES FINAL INSTALLATION. FOR STORAGE AND SHIPPING, NUT AND SLEEVE MUST BE LOOSELY COUPLED.
1. FOR CONTACT SIZE, SPACING AND SERVICE RATING, SEE DRAWINGS MS33680/MS33693 & L-11908-() THRU L-11948-()).

15. CONNECTOR ASSEMBLIES 10-190001-50/-99
THRU 10-190050-50/-99, EXCEPT THOSE
LISTED IN NOTE 14, ARE STAMPED WITH
SM NO.
14. CONNECTOR ASSEMBLIES 10-190008-1/-49
THRU 10-190050-1/-49 AND 10-190036-52,
10-190040-56 AND 10-190040-62 ARE STAMPED
WITH MS NO.
13. PACKAGE PER PRODUCTION PROCESS SHEET.
12. SHIP CONNECTOR, WITH SEALING PLUGS
UNASSEMBLED, MS STAMPED CONNECTORS ONLY.
11. ALL UNUSED GROMMET HOLES MUST BE FILLED WITH
APPROPRIATE SIZE SEALING PLUGS. SEALING
PLUGS ARE PART OF MS STAMPED ASSEMBLIES
ONLY.
10. FOR COMPONENT PART NUMBERS, QUANTITIES, AND
RELEASE STATUS OF THE DESIRED UNIT, SEE
SEPARATE PARTS LIST.
9. UNITS ILLUSTRATED MEET THE MATERIAL &
FINISH REQUIREMENTS OF MIL-C-5015.

NOTES:

* SIZE C	CODE IDENT NO. 77820	10-190008 10-190050		THRU
SCALE	WT	REF	SHEET	2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[MS3100R10SL-3P](#) [MS3100R32-17S](#) [MS3100R20-27S](#) [MS3100R20-27P](#) [MS3100R20-29P](#) [MS3100R20-29S](#)
[MS3100R10SL-3S](#) [MS3100R10SL-4P](#) [MS3100R18-1S](#) [MS3100R18-1P](#) [MS3100R18-4S](#) [MS3100R18-4P](#)
[MS3100R18-11S](#) [MS3100R18-11P](#) [MS3100R22-14P](#) [MS3100R22-14S](#) [MS3100R14S-2S](#) [MS3100R14S-2P](#)
[MS3100R14S-6S](#) [MS3100R14S-6P](#) [MS3100R14S-5S](#) [MS3100R14S-5P](#) [MS3100R14S-7S](#) [MS3100R14S-7P](#)
[MS3100R20-14S](#) [MS3100R22-22P](#) [MS3100R32-17P](#) [MS3100R18-11SX](#) [MS3100R20-22SW](#) [MS3100R32-7SZ](#)
[MS3100R16-10P](#) [MS3100R16-10S](#) [MS3100R16-11S](#) [MS3100R16-11P](#) [MS3100R24-11S](#) [MS3100R24-11P](#)
[MS3100R20-7S](#) [MS3100R20-7P](#) [MS3100R20-4S](#) [MS3100R20-4P](#) [MS3100R24-28S](#) [MS3100R24-28P](#) [MS3100R28-21P](#)
[MS3100R28-21S](#) [MS3100R16S-1S](#) [MS3100R18-19S](#) [MS3100R18-3S](#) [MS3100R18-9P](#) [MS3100R18-9S](#)
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[MS3100R22-10P](#) [MS3100R22-19S](#) [MS3100R22-22S](#) [MS3100R22-2P](#) [MS3100R22-7P](#) [MS3100R24-12P](#)
[MS3100R24-9S](#) [MS3100R28-10P](#) [MS3100R28-10S](#) [MS3100R32-7S](#) [MS3100R20-29SW](#) [MS3100R22-23P](#)
[MS3100R16S-1P](#) [MS3100R-28-11S](#) [MS3100R-18-15S](#) [MS3100R-28-15S](#) [MS3100R32-8S](#) [MS3100R10S-2S](#)
[MS3100R-22-15P](#) [MS3100R22-9P](#) [MS3100R20-33S](#) [MS3100R-32-7P](#) [MS3100R-40-9S](#) [MS3100R-12-5P](#) [MS3100R-22-4P](#)
[MS3100R-28-11P](#) [MS3100R-18-12P](#) [MS3100R16-12S](#) [MS3100R-18-5S](#) [MS3100R-22-23S](#) [MS3100R28-2S](#)
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