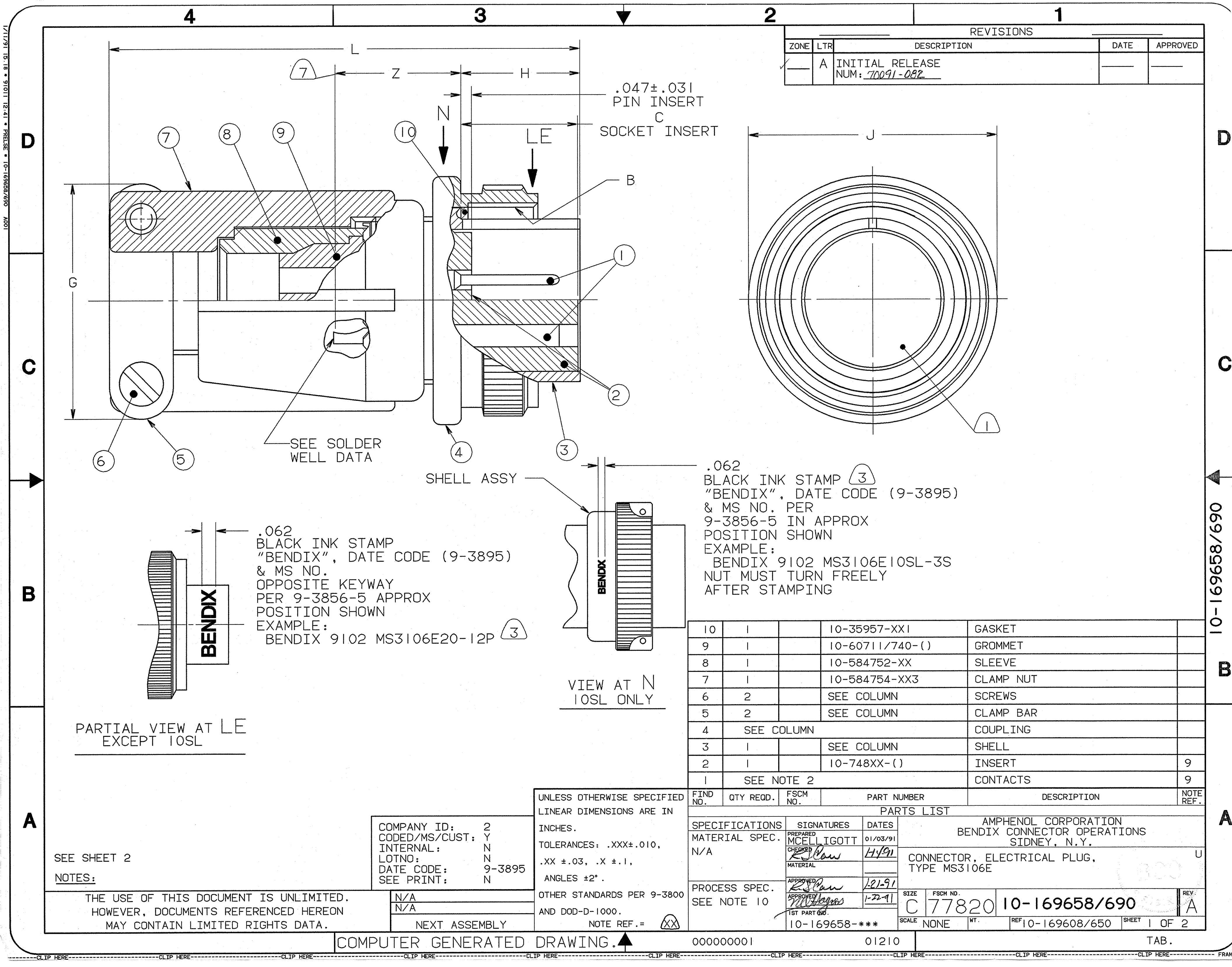




REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
✓	A	INITIAL RELEASE NUM: 70091-082		

.062
BLACK INK STAMP (3)
"BENDIX", DATE CODE (9-3895)
& MS NO. PER
9-3856-5 IN APPROX
POSITION SHOWN
EXAMPLE:
BENDIX 9102 MS3106E10SL-3S
NUT MUST TURN FREELY
AFTER STAMPING

10	1		10-35957-XX1	GASKET	
9	1		10-60711/740-()	GROMMET	
8	1		10-584752-XX	SLEEVE	
7	1		10-584754-XX3	CLAMP NUT	
6	2		SEE COLUMN	SCREWS	
5	2		SEE COLUMN	CLAMP BAR	
4	SEE COLUMN			COUPLING	
3	1		SEE COLUMN	SHELL	
2	1		10-748XX-()	INSERT	9
1	SEE NOTE 2			CONTACTS	9

FIND NO.	QTY REQD.	FSCM NO.	PART NUMBER	DESCRIPTION	NOTE REF.
PARTS LIST					
SPECIFICATIONS		SIGNATURES		DATES	
MATERIAL SPEC.		PREPARED MCELLIGOTT		01/03/91	
N/A		CHECKED R. Shaw		4/4/91	
PROCESS SPEC.		APPROVED R. Shaw		12/1/91	
SEE NOTE 10		APPROVED M. Hayes		1-22-91	
		1ST PART Q&D			
		10-169658-***			
		SIZE C		FSCM NO. 77820	
		SCALE NONE		WT.	
				REF 10-169608/650	
				SHEET 1 OF 2	
				REV. A	

UNLESS OTHERWISE SPECIFIED
LINEAR DIMENSIONS ARE IN
INCHES.
TOLERANCES: .XXX±.010,
.XX ±.03, .X ±.1,
ANGLES ±2°.
OTHER STANDARDS PER 9-3800
AND DOD-D-1000.
NOTE REF. = XX

COMPANY ID:	2
CODED/MS/CUST:	Y
INTERNAL:	N
LOTNO:	N
DATE CODE:	9-3895
SEE PRINT:	N

N/A
N/A
NEXT ASSEMBLY

SEE SHEET 2
NOTES:

THE USE OF THIS DOCUMENT IS UNLIMITED.
HOWEVER, DOCUMENTS REFERENCED HEREON
MAY CONTAIN LIMITED RIGHTS DATA.

COMPUTER GENERATED DRAWING.

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TAB.

10-169658/690

1/11/91 15:18 * 91011 15:13 * PRELIM * 10-169658/690 A002

D

C

B

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10-169658/690

B

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4		3		2		1						
ASSEMBLY NUMBER	MS. NO.	CLAMP BAR (2 REQ'D)	SCREW (2 REQ'D)	SHELL	COUPLING NUT	B THREAD CLASS 2B	C +.047 -.000	G MAX	H ±.005	J DIA MAX	L MAX	Z MAX
10-169658-()	NOT AVAILABLE											
10-169660-()	NOT AVAILABLE											
10-169661-()	3106E10SL-()	10-825942-176	10-816107	10-113488-11 (SHELL ASSY)		.6250-24UNEF	.531	.896	.531	.946	2.129	.607
10-169662-()	3106E12S-()	-176		10-37266-12	10-37265-12	.7500-20UNEF	.531	.896	.531	.995	2.129	.607
10-169663-()	3106E12-()	-176		-13	-13	.7500-20UNEF	.719	.896	.719	.995	2.129	.857
10-169664-()	3106E14S-()	-177		-14	-14	.8750-20UNEF	.531	1.021	.531	1.123	2.201	.607
10-169665-()	3106E14-()	-177		-15	-15	.8750-20UNEF	.719	1.021	.719	1.123	2.524	.857
10-169666-()	3106E16S-()	-178	10-816108	-16	-16	1.0000-20UNEF	.531	1.151	.531	1.250	2.201	.607
10-169667-()	3106E16-()	-178	10-816108	-17	-17	1.0000-20UNEF	.719	1.151	.719	1.250	2.524	.857
10-169668-()	3106E18-()	-179	10-101152-123	-18	-18	1.1250-18UNEF		1.242		1.333	2.596	
10-169670-()	3106E20-()	-180	10-101151-143	-20	-20	1.2500-18UNEF		1.499		1.461	2.654	
10-169672-()	3106E22-()	-180	10-101151-143	-22	-22	1.3750-18UNEF		1.499		1.588	2.654	
10-169674-()	3106E24-()	-181	10-101151-183	-24	-24	1.5000-18UNEF		1.781		1.715	2.885	
10-169678-()	3106E28-()	-181	10-101151-183	-28	-28	1.7500-18UNS		1.781		1.968	2.885	
10-169682-()	3106E32-()	-182	10-816124-2	-32	-32	2.0000-18UNS		2.087		2.209	2.943	
10-169686-()	3106E36-()	-183	10-816124-2	-36	-36	2.2500-16UN		2.281		2.463	2.943	
10-169690-()	3106E40-()	10-130511-343	10-130512-223	-40	-40	2.5000-16UN		2.581		2.718	3.068	

5

SOLDER WELL DATA

THERMOCOUPLE

CONTACT SIZE	0	4	8	12	16	12	16
WELL DIA	.469 $\pm$.005 -.003	.332 $\pm$.005 -.003	.209 $\pm$.004 -.002	.116 $\pm$.004 -.002	.078 $\pm$.004 -.002	.125 $\pm$.004 -.002	.094 $\pm$.004 -.002
WELL DEPTH $\pm$.031 -.000	.625	.625	.500	.375	.250	.250	.188

8. PACKAGE PER PRODUCTION PROCESS SHEET.

7. FOR SIZE "0" CONTACT ONLY, INCREASE Z DIMENSION BY .312 FOR SHELL SIZES 8 THRU 40.

6. UNITS MEET THE REQUIREMENTS OF MIL-C-5015.

5. TO COMPLETE, ADD APPLICABLE INSERT ARRANGEMENT SUFFIX PER 9-2437.

4. FOR MATING CONNECTOR ASSEMBLIES, SEE DRAWING 10-169058/090 AND OTHERS.

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

2. SEE SEPARATE PARTS LIST FOR COMPONENT PART NUMBERS AND QUANTITIES.

1. FOR CONTACT SIZE, SPACING AND SERVICE RATING, SEE MIL-STD-1651.

12. ALL UNUSED GROMMET HOLES MUST BE FILLED SEALING PLUGS.

11. ALL LOCKWIRE HOLES ARE .045 DIA MIN.

10. PROCESS SPEC:
ASSY 9-3103-1
TEST 9-3106-5
9-2437, 9-3856-5, 9-3895

9. INSERTS AND CONTACTS ARE REMOVABLE.

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COMPUTER GENERATED DRAWING

SIZE C

FSCM NO. 77820

10-169658/690

SCALE NONE

WT.

REF N/A

SHEET 2

REV. A

TAB.