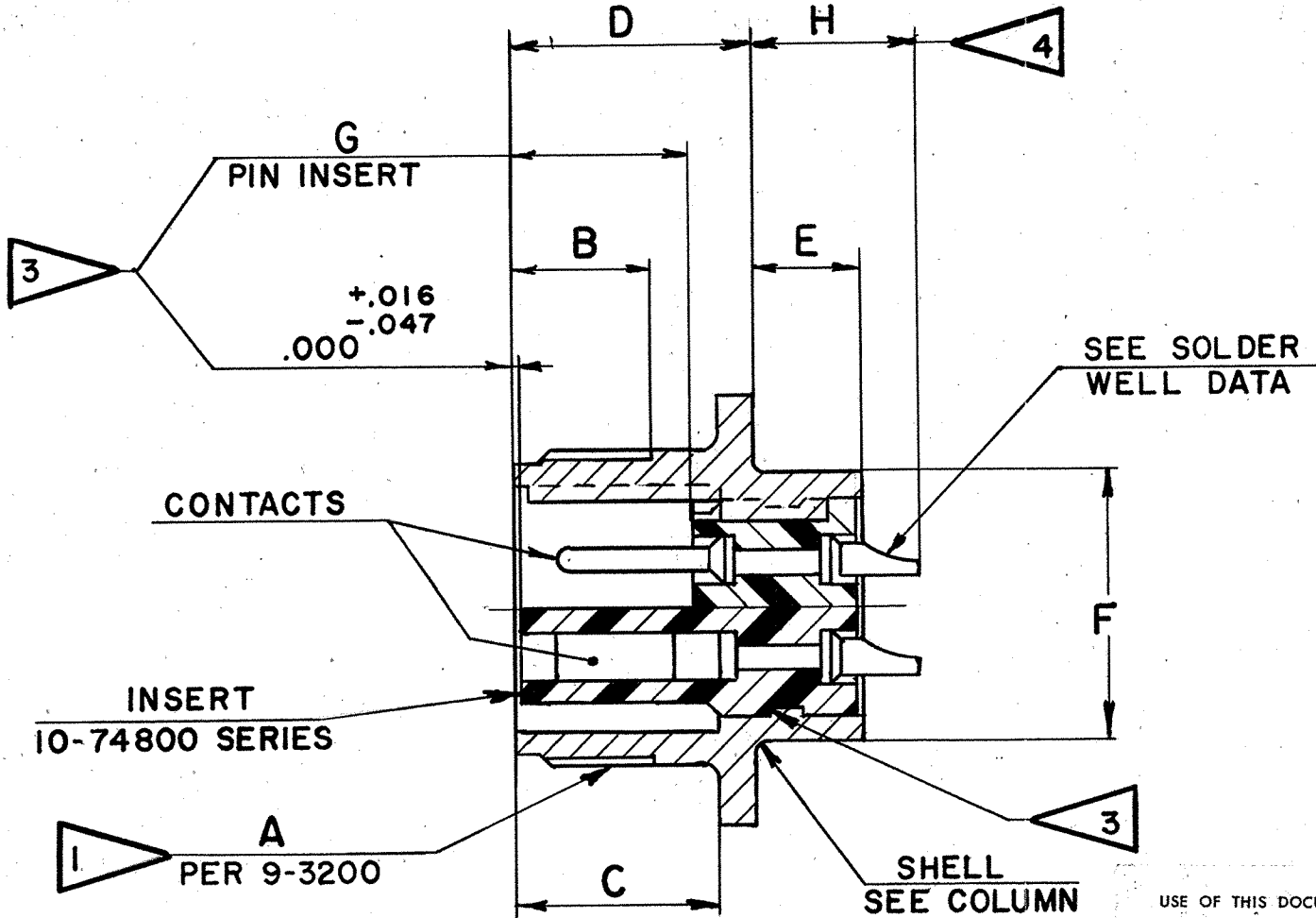
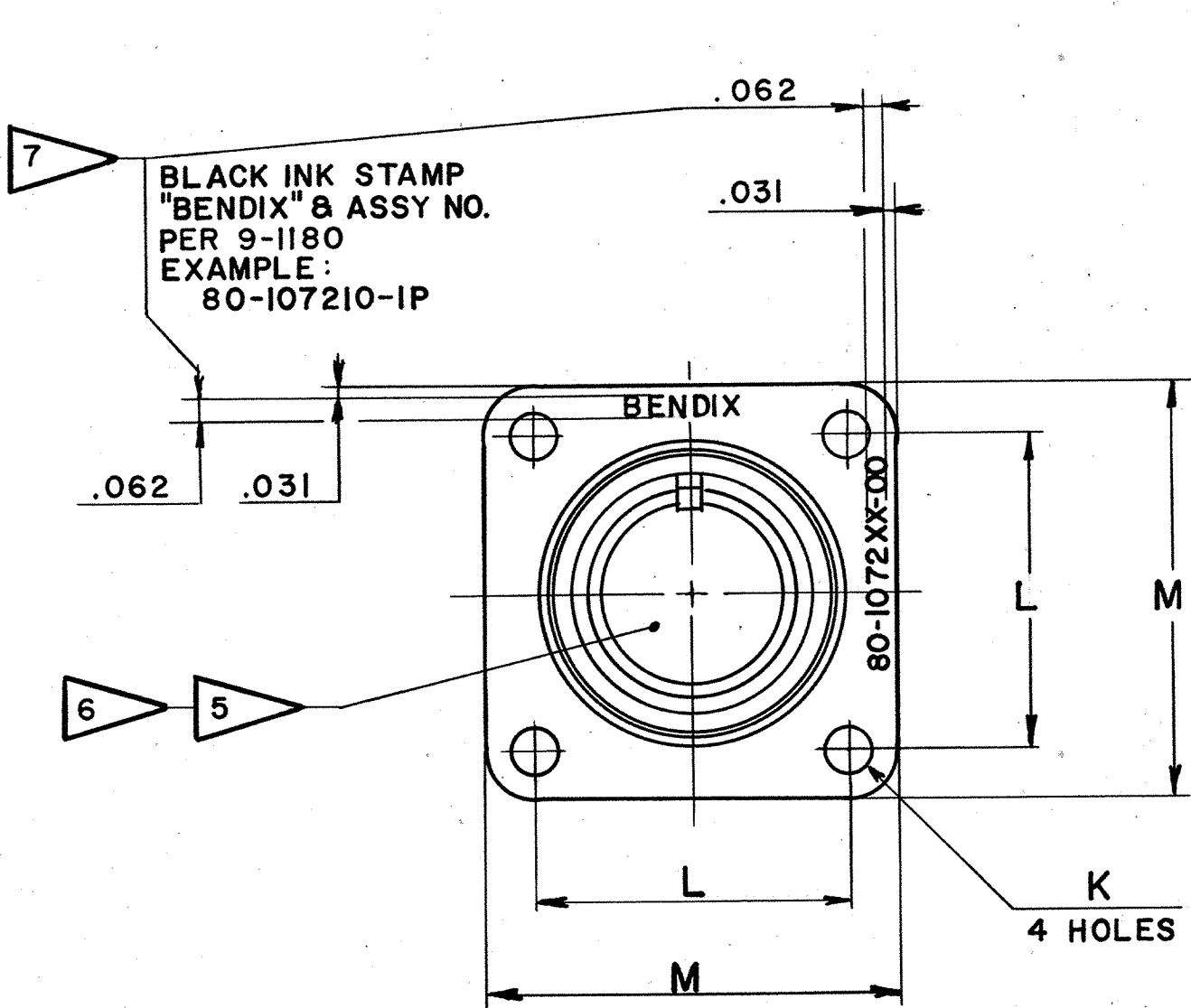


ASSEMBLY NUMBER	AN. REF	DETAIL SHELL	DIMENSIONS										
			A THREAD CLASS 2A(PLATED)	B MIN FULL THD	C +.016 -.000	D +.026 -.010	E +.020 -.036	F DIA	G +.016 -.047	H +.050 -.060	K DIA +.004 -.002	L ±.005	M ±.020
80-107210 -	3102-10S -	10-36745-10	.6250-0.05P-0.1L-DS	.391	.562	.703	.281	.469	.492	.401	.150	.719	1.000
-107212 -	-12S -	-12	.7500-0.1P-0.2L-DS	.391	.562	.703	.281	.594	.492	.401		.812	1.094
-107213 -	-12 -	-13	.7500-0.1P-0.2L-DS	.625	.750	.891	.469	.594	.679	.650		.812	1.094
-107214 -	-14S -	-14	.8750-0.1P-0.2L-DS	.391	.562	.703	.281	.719	.492	.401		.906	1.188
-107215 -	-14 -	-15	.8750-0.1P-0.2L-DS	.625	.750	.891	.469	.719	.679	.650		.906	1.188
-107216 -	-16S -	-16	1.0000-0.1P-0.2L-DS	.391	.562	.703	.281	.844	.492	.401		.969	1.281
-107217 -	-16 -	-17	1.0000-0.1P-0.2L-DS	.625	.750	.891	.469	.844	.679	.650		.969	1.281
-107218 -	-18 -	-18	1.1250-0.1P-0.2L-DS			.906	.453	.969		.636	.177	1.062	1.375
-107220 -	-20 -	-20	1.2500-0.1P-0.2L-DS					1.125				1.156	1.500
-107222 -	-22 -	-22	1.3750-0.1P-0.2L-DS					1.250				1.250	1.625
-107224 -	-24 -	-24	1.5000-0.1P-0.2L-DS			.812	1.000	.359	1.375	.535		1.375	1.750
-107228 -	-28 -	-28	1.7500-0.1P-0.2L-DS			.812	1.000	.359	1.594	.541		1.562	2.000
-107232 -	-32 -	-32	2.0000-0.1P-0.2L-DS			.875	1.063	.296	1.844	.478	.209	1.750	2.250
-107236 -	-36 -	-36	2.2500-0.1P-0.2L-DS					2.031				1.938	2.500
-107240 -	-40 -	-40	2.5000-0.1P-0.2L-DS					2.281				2.188	2.750
-107244 -	-44 -	-44	2.7500-0.1P-0.2L-DS					.546	2.562	.619		2.375	3.000
-107248 -	-48 -	-48	3.0000-0.1P-0.2L-DS					.546	2.812	.619		2.625	3.250
-107250 -			NOT AVAILABLE										

REL NO. 37508-169		REVISIONS			COMM REC
CHG NO.	SYM	DESCRIPTION	DATE	APPROVAL	
CNR	I	CORRECTED PART NUMBER	12-19-60		

CONTACTS. (NOT PART OF STANDARD ASSEMBLY)		
SIZE	PIN CONTACT PART NUMBER	SOCKET CONTACT PART NUMBER
16M	10-40569	10-40568
16ML	10-40599	10-40598
12	10-33646	10-33644
8	10-35531	10-35532
4	10-35529	10-35530
0	10-35527	10-35528



- SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
- INSERTS ARE NOT REMOVABLE.
- FOR CONTACT SIZE, SERVICE RATING & SPACING, SEE DRAWING AND10425 THRU AND10436.
- INCREASE DIM H BY .312 FOR SIZE 0 CONTACT ONLY.
- DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.
- TO COMPLETE ASSEMBLY NUMBER & AN. REFERENCE NO ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE ASSEMBLY NUMBERS LISTED ABOVE. (FOR SUFFIX OTHER THAN "P" OR "S" REFER TO 9-2437). TO DETERMINE DESIRED INSERT ARRANGEMENT, SEE PARTS LIST 80-107210 THRU 80-107250.
- INDICATED SPECIFICATION AVAILABLE UPON REQUEST. MATES WITH PLUG 80-107610 THRU 80-107650, & OTHERS.

- DRAWING ILLUSTRATES FINAL ASSEMBLY CONTACTS ARE NOT PART OF THIS ASSEMBLY AND MUST BE PURCHASED SEPARATELY BY CUSTOMER.
- UNITS ILLUSTRATED MEET THE MATERIAL AND FINISH REQUIREMENTS OF MIL-C-5015C, EXCEPT SHELL IS ANODIC COATED.

PROCESS SPEC
TEST 9-3106-5
ASSY 9-3104-1
9-1180, 9-2437

UNLESS OTHERWISE SPECIFIED
1. TOLERANCES: LINEAR .000 ± .010, .00 ± .02, .0 ± .1
ANGULAR 22°
2. ALL LOCATION TOLERANCES APPLY AT MAXIMUM MATERIAL CONDITION (MMC).
3. RADIUS FILLETS & BREAK EDGES .005-.020.
4. CONCENTRICITY: .015 TIR REGARDLESS OF SIZE.
FOR DRAWING INTERPRETATION SEE SPEC 9-3800

MATERIAL SPEC HEAT TREAT SPEC FINISH SPEC

SOLDER WELL DATA					
CONTACT SIZE	0	4	8	12	16M
WELL DIA	.469 ^{+.005} _{-.003}	.332 ^{+.005} _{-.003}	.209 ^{+.004} _{-.002}	.116 ^{+.004} _{-.002}	.078 ^{+.004} _{-.002}
WELL DEPTH ±.031 .000	.625	.625	.500	.375	.250

ITEM	REQD	PART NO.	DESCRIPTION	UNIT WT	NEXT ASSY	USED ON
LIST OF MATERIAL						
APPLICATION						
ABBREVIATIONS & SYMBOLS (MMC)-MAXIMUM MATERIAL CONDITION (TP)-TRUE POSITION REF NOTE ORIG ENG JOB NO. 05907 DRAWN: STEAD DATE: 12-6-50 CHECKED: Davies DATE: 12-14-60 MAT'L: STD: J. Balantieri 12-14-60 CH DR: M. M. 12-14-60 APPY: J. M. 12-14-60						
CONNECTOR, ELECTRICAL RECEPTACLE, TYPE QWL () FB SCALE: NONE WT CALC (SEE ACT. PL) LB 10-107210/50 DRAWING SIZE: C TAB.						

THE Bendix CORPORATION
SCINTILLA DIVISION
SIDNEY, N. Y., U.S.A.

80-107210 THRU 80-107250

80-107210 THRU 80-107250