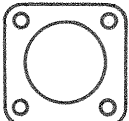
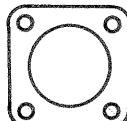
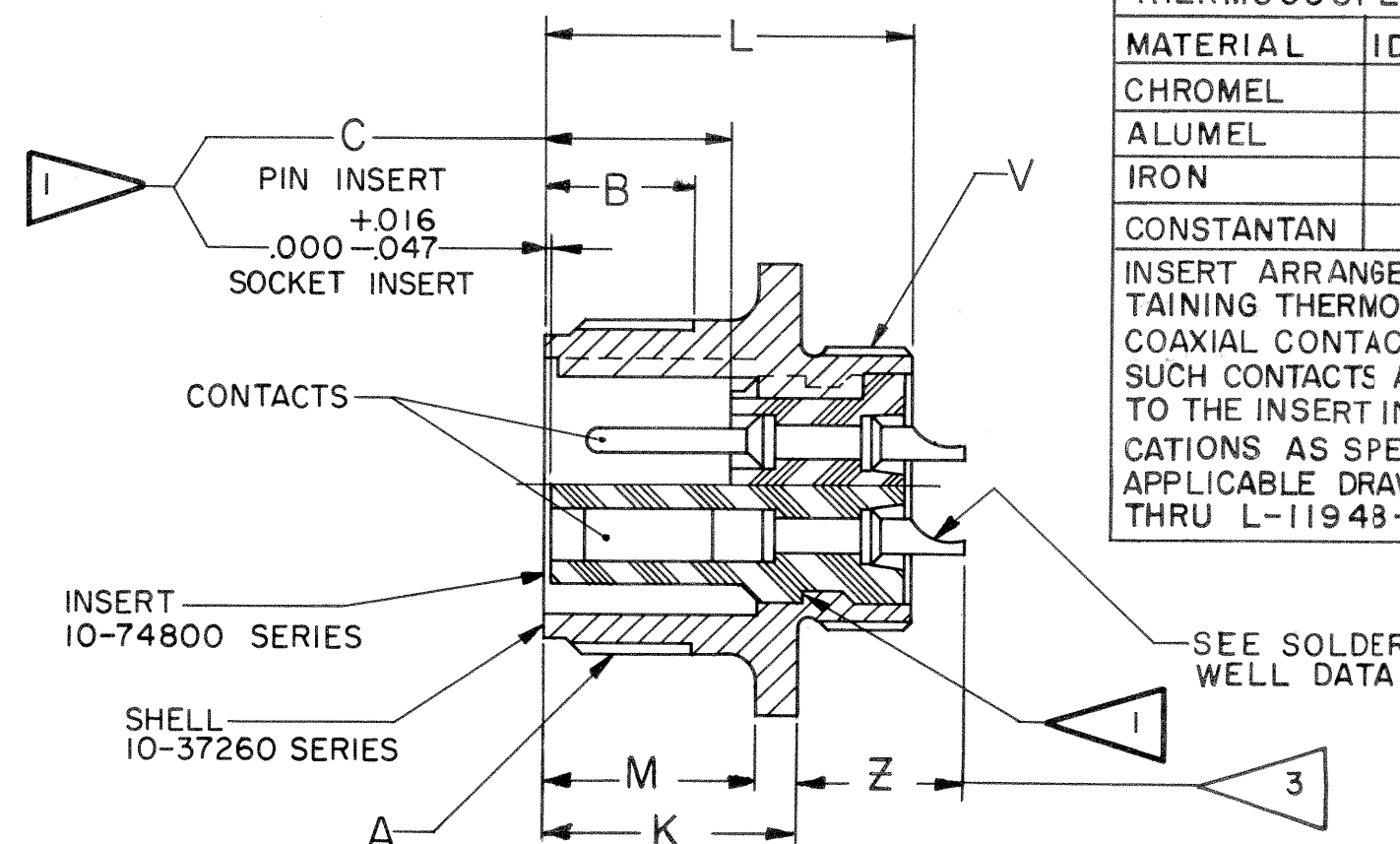
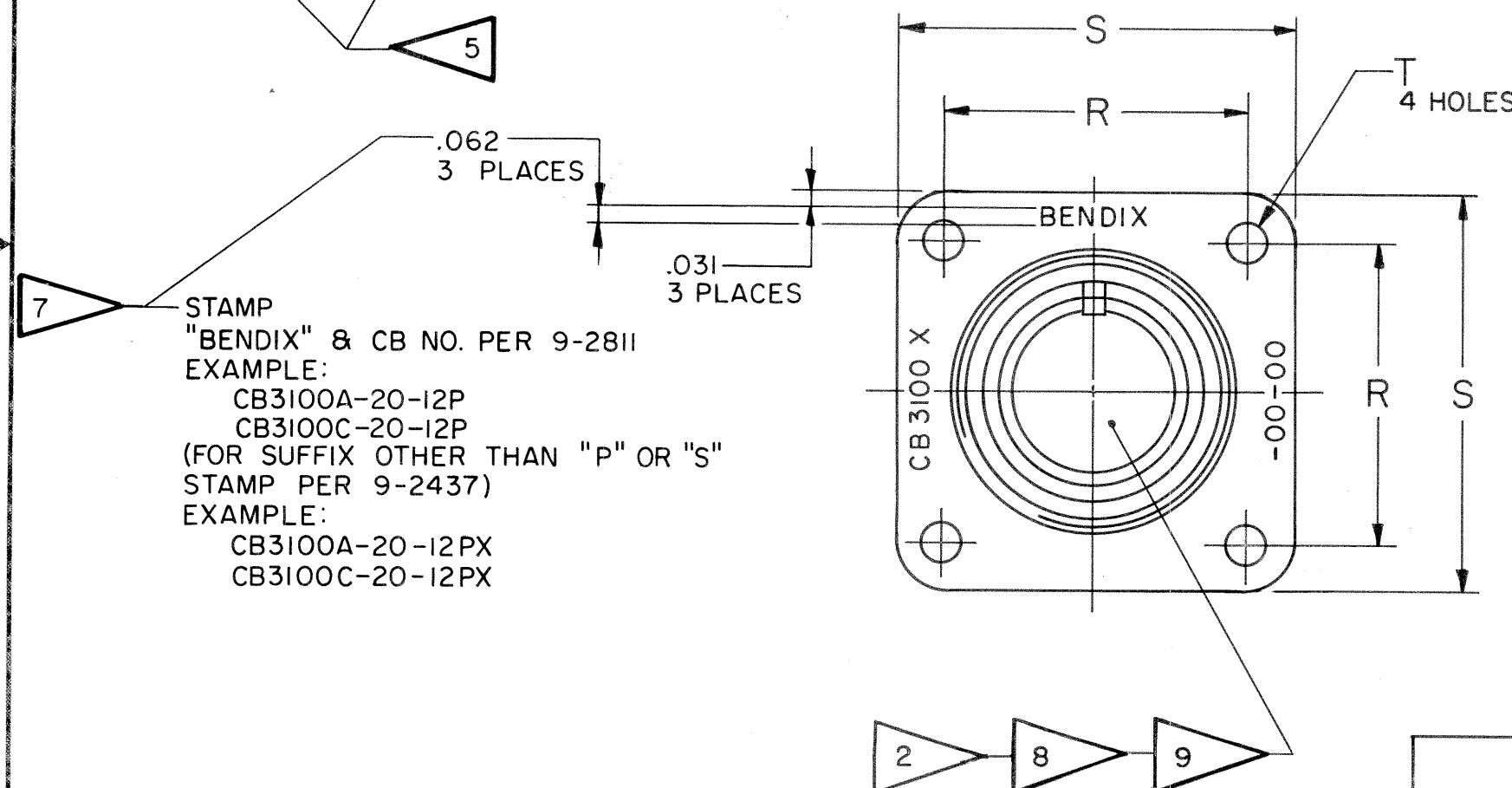


ASSEMBLY NUMBER	CB NUMBER	A THREAD PLATED CLASS 2A	B MIN FULL THD	C +.016 -.047	K +.020 -.010	L	M +.010 -.000	R ±.005	S	T DIA +.004 -.002	V THREAD PLATED CLASS 2A	Z +.050 -.060
10-68308-		NOT AVAILABLE										
10-68310-	3100-IOS-	.6250-24 NEF	.391	.492	.672	.969	.563	.719	1.000	.120	.5000-28 UNEF	.422
10-68311-	-10SL-	.6250-24 NEF	.391				.562	.719	1.000		.6250-24 NEF	
10-68312-	-12S-	.7500-20 UNEF	.450				.563	.812	1.094		.6250-24 NEF	
10-68313-	-12-	.7500-20 UNEF	.625	.679	.860	1.344	.750	.812	1.094		.6250-24 NEF	.672
10-68314-	-14S-	.8750-20 UNEF	.450	.492	.672	.969	.563	.906	1.188		.7500-20 UNEF	.422
10-68315-	-14-	.8750-20 UNEF	.625	.679	.860	1.344	.750	.906	1.188		.7500-20 UNEF	.672
10-68316-	-16S-	1.0000-20 UNEF	.450	.492	.672	.969	.562	.969	1.281		.8750-20 UNEF	.422
10-68317-	-16-	1.0000-20 UNEF	.625	.679	.860	1.344	.750	.969	1.281		.8750-20 UNEF	.672
10-68318-	-18-	1.1250-18 NEF			.891	1.344		1.063	1.375		1.0000-20 UNEF	.641
10-68320-	-20-	1.2500-18 NEF						1.156	1.500		1.1250-18 NEF	
10-68322-	-22-	1.3750-18 NEF						1.250	1.625		1.2500-18 NEF	
10-68324-	-24-	1.5000-18 NEF			.953	1.406	.813	1.375	1.750	.147	1.3750-18 NEF	.578
10-68328-	-28-	1.7500-18 NS			.953	1.406	.812	1.562	2.000	.147	1.6250-18 NEF	.578
10-68332-	-32-	2.0000-18 NS			1.032	1.469	.875	1.750	2.250	.173	1.8750-16 N	.500
10-68336-	-36-	2.2500-16 UN			1.031	1.469	.875	1.938	2.500	.173	2.0625-16 N	.500
10-68340-		NOT AVAILABLE										

REL NO 30508-99			REVISIONS	
CHG NO.	SYM	DESCRIPTION	DATE	APPROVED
38525-471	A2	PROVIDED SERIES COMPOSITE DRAWING REPLACING SHELL SIZE COMPOSITE DRAWINGS	3-7-62 HISCOTT	
42762-1	A3	WAS TEST 9-3107-3 & ASSY 9-3104-1 (PRO SPEC); REV NOTE 8	3-12-64 Randall	
47525-818	A4	ADDED THERMO & COAXIAL DATA BLOCK, SPECIAL & THERMO. SOLDER WELL DATA; DISCARDED INDIVIDUAL DWGS 10-68312-51 & -54	7-14-67 Whitney	

ACCESSORIES (NOT PART OF STANDARD ASSEMBLY)	
 FLANGE GASKET, PLAIN 10-40450 - (SHELL SIZE)	 FLANGE GASKET, SHIELDED 10-40450 - (SHELL SIZE)S

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-11943-().			



- SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
- UNITS ILLUSTRATED MEET THE MATERIAL & FINISH REQUIREMENTS OF MIL-C-5015D.
- TO COMPLETE ASSEMBLY NUMBER & CB NO. ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE. (FOR ALTERNATE ARRANGEMENT REFER TO 9-2437). TO DETERMINE DESIRED INSERT ARRANGEMENT, SEE PARTS LISTS 10-68308/40.
- SEE DRAWINGS 10-68608/40 & OTHERS FOR REQUIRED MATING PLUG ASSEMBLIES.
- INCREASE Z DIMENSION BY .312 FOR SIZE "O" CONTACT ONLY.
- FOR CONTACT SIZE, SPACING & SERVICE RATING, SEE DRAWINGS AND10425 THRU AND10435.
- DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.

- ALL 10- & 61- ASSEMBLIES TO BE ASSEMBLED PER 9-3103-1 AND TESTED PER 9-3106-5. INSERTS AND CONTACTS ARE REMOVABLE.
- ALL 62- ASSEMBLIES TO BE ASSEMBLED PER 9-3238-1 AND TESTED PER 9-3106-4. INSERTS AND CONTACTS ARE NOT REMOVABLE.

STANDARD SOLDER WELL DATA						SPECIAL SOLDER WELL DATA			THERMOCOUPLE	
CONTACT SIZE	0	4	8	12	16	8 FOR #6 WIRE	12 FOR #10 WIRE	16 FOR #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} _{-.000}	.125 ^{+.004} _{-.002}	.094 ^{+.004} _{-.002}
WELL DEPTH ^{+.031} _{-.000}	.625	.625	.500	.375	.250	.500	.250	.188	.250	.188

ITEM NO.	QTY REQD	DESCRIPTION	PART NUMBER	CODE IDENT	ZONE
PARTS LIST					
UNLESS OTHERWISE SPECIFIED		DRAWN: J. RUSSO	DATE: 12-26-61	 SCINTILLA DIVISION CORPORATION SIDNEY, NEW YORK, U.S.A.	
LINEAR DIMENSIONS ARE IN INCHES. TOLERANCES: 3 PLACES ±.010; 2 PLACES ±.03; 1 PLACE ±.1; ANGLES ±2°, OTHER STANDARDS PER SCINTILLA SPEC 9-3800 AND MIL-STD 8.		CHECKED: R. Black	DATE: 12-28-61		
MATERIAL SPEC		MATERIAL:			
PROCESS SPEC		TEST			
		9-3106-5		CONNECTOR, ELECTRICAL RECEPTACLE, TYPE CB () FW	
		9-3106-4			
		ASSY			
		9-3103-1			
		9-3238-1			
		SEE NOTES 8 & 9		CODE IDENT NO. 77820 SIZE C 10-68308 THRU 10-68340	
		9-2437, 9-2811			
				SCALE NONE	WT SEE PARTS LIST
				REF 10-41308/40	SHEET