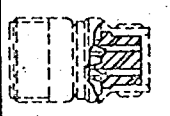
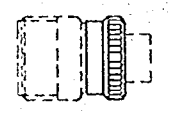
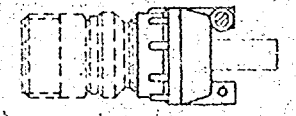


REL	32508-157	WAS	DATE	DYMAN	APPD
1	33750-55	ADD. NOTE 10 & DATA	1-20-58	HUDOCK	<i>[Signature]</i>
2	35826-2	REV. "C" COLUMN	9-2-59	SIEDSMAN	<i>[Signature]</i>
A1	36200-27	.188 (16M), .250 (12) & .500 (4) (SOLDER WELL DEPTH); REM SOLDER WELL DATA FOR 16	2-11-60	MARKUSKI	<i>[Signature]</i>
A2	36525-323	CONNECTOR, ELECTRICAL RECEPTACLE (TITLE); REM PD COL (8 & H THD); REV NOTE 2; ADD NOTE II.	3-16-60	Zachary	<i>[Signature]</i>
A3	38523-418	REVERSED STAMPING	2-6-62	STANDISH	<i>[Signature]</i>
A4	42525-40	MIL-C-5015C (NOTE 9)	10-26-63	MILAR	<i>[Signature]</i>
A5	51175-1	REM NOTE 10, REVISION LETTER (C) (2 PLCS)	11-7-69	Sanwall	<i>[Signature]</i>
A6	53249-11	REM F COL & DATA; ADD. 9-3895 (PRO SPEC); REV STAMPING NOTE	1-5-72	Bendix	<i>[Signature]</i>

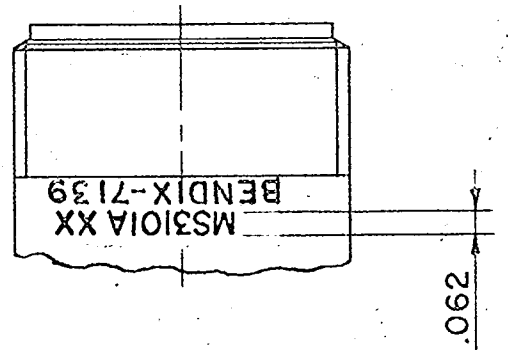
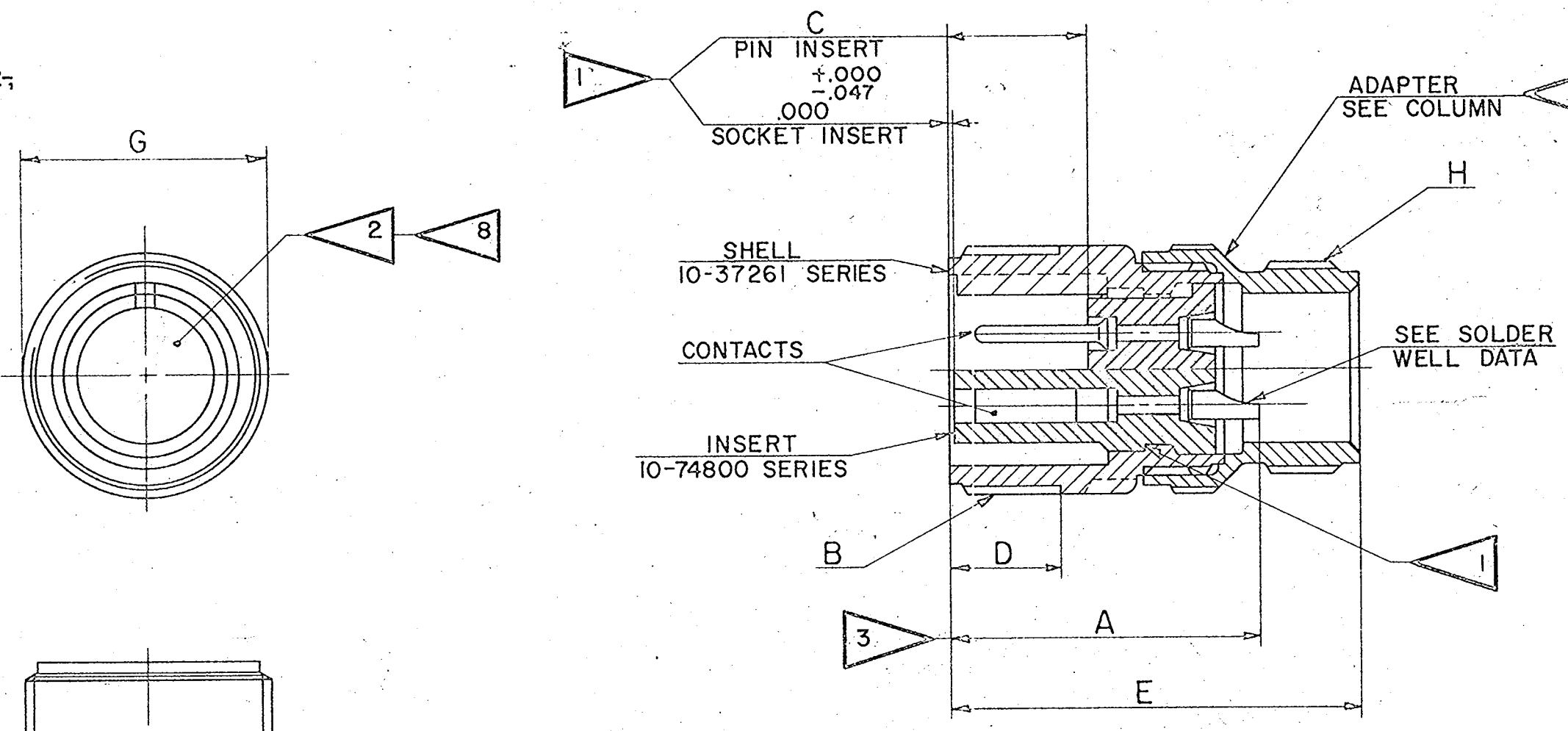
ASSEMBLY NO.	MS NO.	DIMENSIONS						DETAIL		ACCESSORY	
		A ±.040	B THREAD (PLATED) CLASS 2A	C ±.031	D MIN FULL THD	E ±.030	H THREAD (PLATED) CLASS 2A	G DIA MAX	ADAPTER	GROMMET RETAINING NUT	
10-168108	3101 8S	1.094	.5000-28UNEF	.484	.406	1.390	.5000-28UNEF	.532	10-37267-8	10-37269-8	
10-168110	10S		.6250-24NEF		.406	1.468	.5000-28UNEF	.628	-10	-10	
10-168111	10SL		.6250-24NEF		.406		.6250-24NEF	.755	-12	-12	
10-168112	12S		.7500-20UNEF		.422			.755	-12	-12	
10-168113	12	1.532	.7500-20UNEF	.672	.656	1.843		.755	-13	-13	
10-168114	14S	1.094	.8750-20UNEF	.484	.391	1.468	.7500-20UNEF	.882	-14	-14	
10-168115	14	1.532	.8750-20UNEF	.672	.625	1.843	.7500-20UNEF	.882	-15	-15	
10-168116	16S	1.094	1.0000-20UNEF	.484	.391	1.468	.8750-20UNEF	1.010	-16	-16	
10-168117	16	1.532	1.0000-20UNEF	.672	.625	1.843	.8750-20UNEF	1.010	-17	-17	
10-168118	18		1.1250-18NEF			1.938	1.0000-20UNEF	1.137	-18	-18	
10-168120	20		1.2500-18NEF			1.844	1.1875-18NEF	1.264	-20	-20	
10-168122	22		1.3750-18NEF			1.938	1.1875-18NEF	1.392	-22	-22	
10-168124	24		1.5000-18NEF			1.969	1.4375-18NEF	1.519	-24	-24	
10-168128	28		1.7500-18NS			2.188	1.4375-18NEF	1.774	-28	-28	
10-168132	32		2.0000-18NS			2.157	1.7500-18NS	1.996	-32	-32	
10-168136	36		2.2500-16UN			2.219	2.0000-18NS	2.251	-36	-36	
10-168140	40		2.5000-16UN			2.188	2.2500-16UN	2.506	-40	-40	

ACCESSORIES (NOT PART OF STANDARD ASSEMBLY)		
		
GROMMET 10-40800 SERIES	GROMMET RETAINING NUT SEE TABLE	CABLE CLAMP 10-35900-XX3 SERIES

11. FOR PART NUMBERS 10-168117-13, 10-168118-15, 61- & 62; SEE INDIVIDUAL DRAWING 10-168117-13, 10-168118-15, 61-00000 & 62-00000.

- 10.
- UNITS ILLUSTRATED MEET THE REQUIREMENTS OF MS3101A PER MIL-C-5015(D).
 - INSERTS AND CONTACTS ARE REMOVABLE.
 - ADAPTER MUST BE REMOVED WHEN GROMMET RETAINING NUT IS USED.
 - SEE DRAWINGS 10-168608 THRU 10-168640 & DRAWINGS 10-168808 THRU 10-168840 FOR REQUIRED MATING PLUG ASSEMBLIES.
 - SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
 - TO COMPLETE ASSEMBLY NO. & MS NO., ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE. (FOR ALTERNATE ARRANGEMENTS, REFER TO 9-2437.) TO DETERMINE DESIRED INSERT ARRANGEMENT SEE PARTS LISTS 10-168108 THRU 10-168140.
 - INCREASE A DIMENSION BY .312 FOR SIZE "O" CONTACT ONLY.
 - FOR CONTACT SIZE, SPACING & SERVICE RATING, SEE DRAWINGS MS33680 THRU MS33690.
 - DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.

NOTES: REF SYMBOL 



9 5

STAMP PER 9-2811 "BENDIX", DATE CODE (9-3895) & MS NUMBER

EXAMPLE:

BENDIX-7139
MS3101A20-12S
FOR SUFFIX OTHER THAN "P" OR "S",
STAMP PER 9-2437
(SUFFIX OF MS NO. ONLY)
EXAMPLE:
MS3101A20-12SX
BEN DIX -7139

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

MATERIAL SPEC.	PROCESS SPEC. TEST 9-3106-5	SCINTILLA MAGNETO DIVISION BENDIX AVIATION CORPORATION SIDNEY, N.Y., U.S.A.	
HEAT TREAT SPEC.	ASSY 9-3103-1	NAME CONNECTOR, ELECTRICAL, PLUG, TYPE C () FL	
DATE	9-2811, 9-2437 9-3895	BY RINES	DATE 4-25-57
APPROVED	22569-2	BY [Signature]	DATE 5-10-57

TOLERANCES UNLESS OTHERWISE SPECIFIED	
DECIMALS	±.010
NEXT ASSEMBLY	
WEIGHT & LOG SEE PARTS LIST	
SUPERSEDES	
SUPERSEDED BY	
REF	10-68108 THRU 10-168140

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