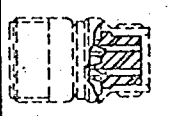
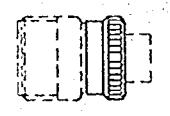
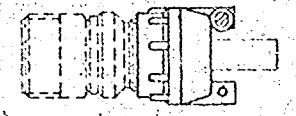


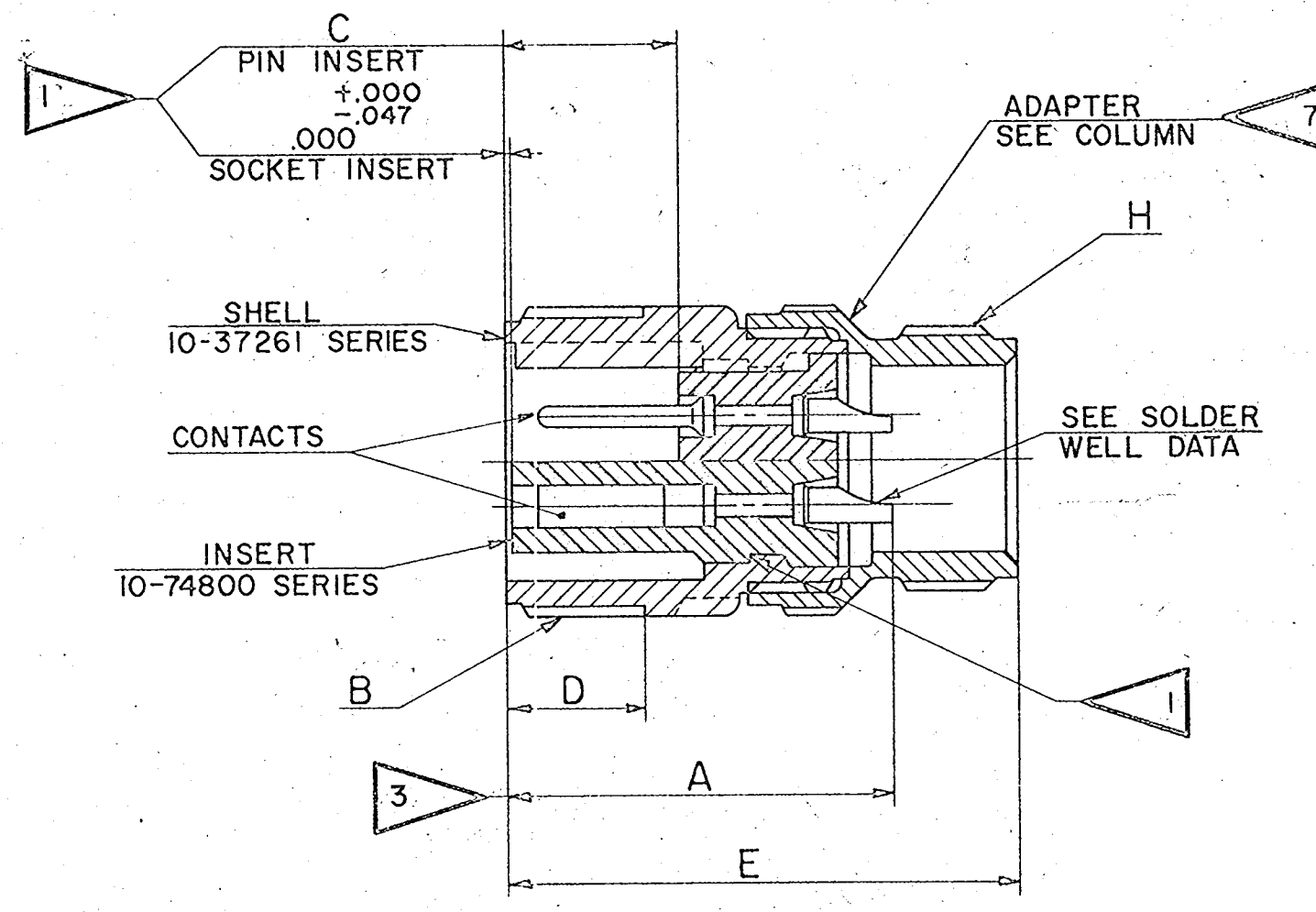
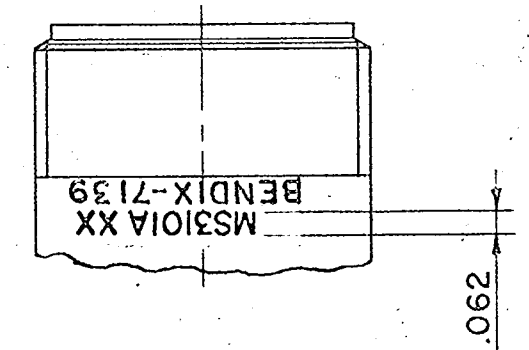
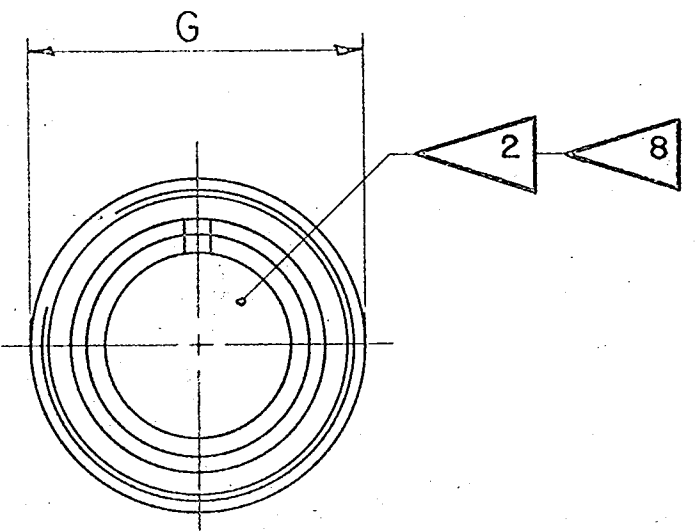
REL	32508-157	WAS	DATE	DYMAN	APPD
1	33750-55	ADD. NOTE 10 & DATA	1-20-58	HUDOCK	<i>[Signature]</i>
2	35826-2	REV. "C" COLUMN	9-2-59	SIEDSMAN	<i>[Signature]</i>
A1	36200-27	.188 (16M), .250 (12) & .500 (4) (SOLDER WELL DEPTH); REM SOLDER WELL DATA FOR 16	2-11-60	MARKUSKI	<i>[Signature]</i>
A2	36525-323	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)	11-17-69	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.
9. UNITS ILLUSTRATED MEET THE REQUIREMENTS OF MS3101A PER MIL-C-5015(D).
8. INSERTS AND CONTACTS ARE REMOVABLE.
7. ADAPTER MUST BE REMOVED WHEN GROMMET RETAINING NUT IS USED.
6. SEE DRAWINGS 10-168608 THRU 10-168640 & DRAWINGS 10-168808 THRU 10-168840 FOR REQUIRED MATING PLUG ASSEMBLIES.
5. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
4. 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.
3. INCREASE A DIMENSION BY .312 FOR SIZE "O" CONTACT ONLY.
2. FOR CONTACT SIZE, SPACING & SERVICE RATING, SEE DRAWINGS MS33680 THRU MS33690.
1. DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.



10-168108 THRU
10-168140

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NOTES: REF SYMBOL

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.		TOLERANCES UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES DECIMALS .010	
HEAT TREAT SPEC.	ASSY 9-3103-1	NAME CONNECTOR, ELECTRICAL, PLUG, TYPE C () FL		NEXT ASSEMBLY	WEIGHT - LBS. SEE PARTS LIST
100% ASSEMBLY	9-2811, 9-2437 9-3895	OWNER RINES (Bentley)	DATE 4-25-57	SCALE NONE	SUPERSEDES 10-68108/40
22569-2	4-25-57	5-10-57			10-168108 THRU 10-168140

Mouser Electronics

Authorized Distributor

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

Amphenol:

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[MS3101A16-10S](#) [MS3101A16-11S](#) [MS3101A16S-1S](#) [MS3101A18-11P](#) [MS3101A18-11S](#) [MS3101A18-1P](#)
[MS3101A20-27S](#) [MS3101A20-29S](#) [MS3101A20-4P](#) [MS3101A22-22S](#) [MS3101A20-29P](#) [MS3101A20-27P](#)
[MS3101A22-22P](#) [MS3101A14S-6S](#) [MS3101A28-16S](#) [MS3101A28-16P](#) [MS3101A14S-7S](#) [MS3101A14S-5S](#)
[MS3101A14S-5P](#) [MS3101A10SL-3S](#) [MS3101A28-21P](#) [MS3101A28-21S](#) [MS3101A22-14P](#) [MS3101A22-14S](#)
[MS3101A22-19S](#) [MS3101A22-19P](#) [MS3101A24-11S](#) [MS3101A24-11P](#) [MS3101A18-4P](#) [MS3101A18-4S](#)
[MS3101A18-1S](#) [MS3101A18-22P](#) [MS3101A18-19P](#) [MS3101A18-12P](#) [MS3101A18-10P](#) [MS3101A32-7S](#)
[MS3101A12S-3P](#) [MS3101A14S-1P](#) [MS3101A14S-9S](#) [MS3101A18-3P](#) [MS3101A20-16P](#) [MS3101A20-18S](#)
[MS3101A20-33S](#) [MS3101A28-18S](#) [MS3101A32-9S](#) [MS3101A18-12S](#) [MS3101A18-3SW](#) [MS3101A28-11SX](#)
[MS3101A28-51P](#) [MS3101A-20-17P](#) [MS3101A-20-29PW](#) [MS3101A24-28S](#) [MS3101A24-28P](#) [MS3101A20-7P](#)
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[MS3101A16S-1P](#) [MS3101A32-17S](#) [MS3101A28-12P](#) [MS3101A12S-3S](#) [MS3101A12S-4P](#) [MS3101A18-8P](#)
[MS3101A20-11S](#) [MS3101A20-15S](#) [MS3101A22-20S](#) [MS3101A24-12P](#) [MS3101A24-12S](#) [MS3101A24-22P](#)
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