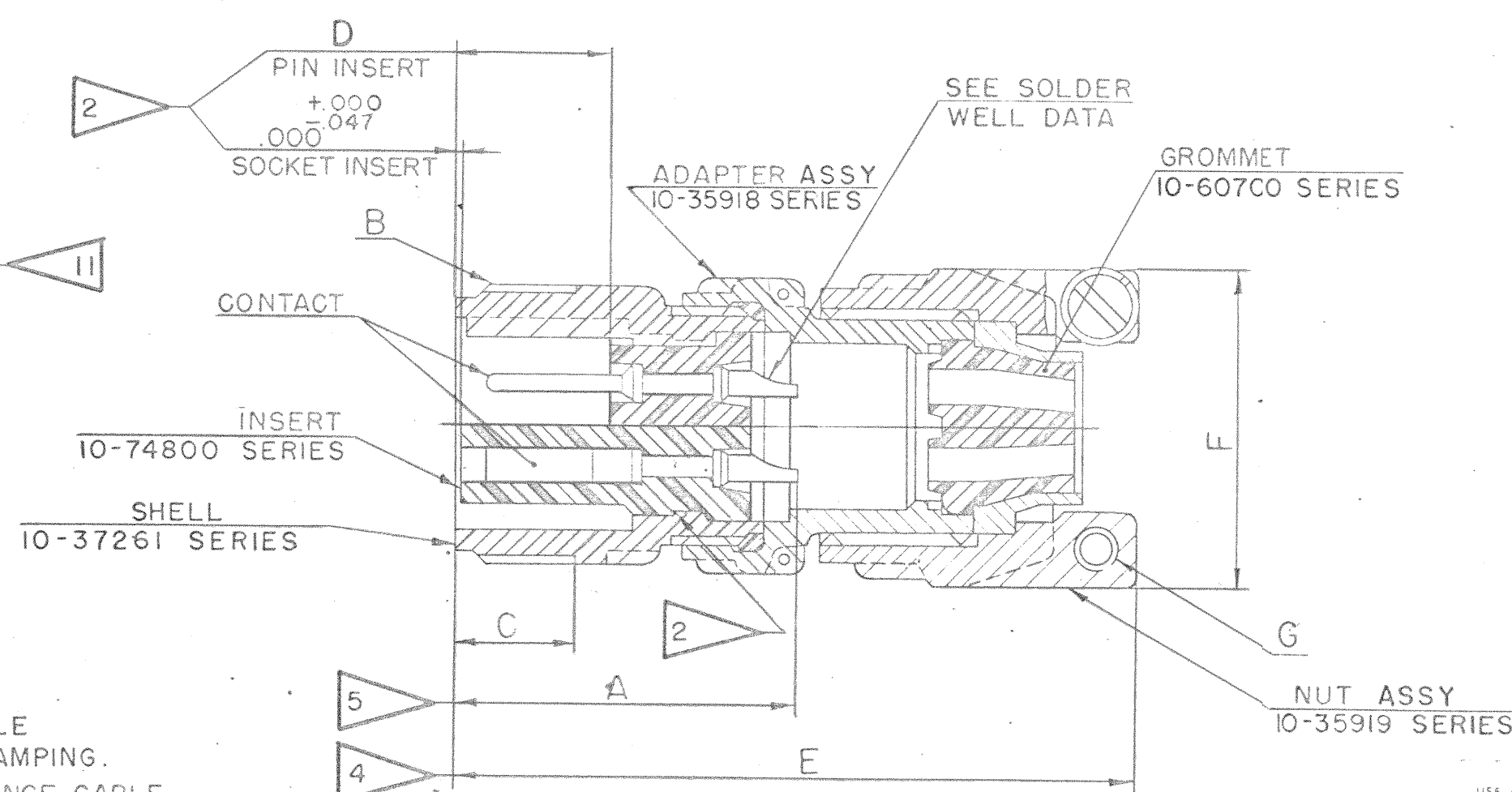


ASSY NO.	MS NO.	DIMENSIONS							
		A ±.040	B THREAD (PLATED) CLASS 2A	C MIN FULL THD	D ±.031	E MAX	F MAX	G THREAD REF CLASS 2	
10-169108-	3101E8S-	1.094	5000-28 UNEF	.406	.484	2.223	.807	6-32 NC	
10-169110-	10S-		6250-24 NEF	.406			.807		
10-169111-	10SL-		6250-24 NEF	.406			.901		
10-169112-	12S-		7500-20 UNEF	.422					
10-169113-	12-	1.532	7500-20 UNEF	.656	.672	2.598			
10-169114-	14S-	1.094	8750-20 UNEF	.391	.484	2.223	1.026		
10-169115-	14-	1.532	8750-20 UNEF	.625	.672	2.598	1.026		
10-169116-	16S-	1.094	10000-20 UNEF	.391	.484	2.223	1.119		
10-169117-	16-	1.532	10000-20 UNEF	.625	.672	2.598	1.119		
10-169118-	18-		1.1250-18 NEF			2.630	1.229		
10-169120-	20-		1.2500-18 NEF			2.740	1.479	8-32 NC	
10-169122-	22-		1.3750-18 NEF			2.740	1.479		
10-169124-	24-		1.5000-18 NEF			2.803	1.666		
10-169128-	28-		1.7500-18 NS			3.019	1.666		
10-169132-	32-		2.0000-18 NS			3.004	2.135	10-32 NF	
10-169136-	36-		2.2500-16 UN			3.222	2.260		
10-169140-	40-		2.5000-16 UN			3.222	2.510		

32508-157		DATE	D MAN	APPRO
1 33750-60	ADD. NOTE 12 & DATA	1-22-58	HUDOCK	Rout
2 35826-7	REV "D" COLUMN	9-2-59	SIEDSMAN	Edlund
3 36235-3	REM ACCESSORY BLOCK; ADD NOTES 6 & 7, REV SOLDER WELL DATA, RENUMBERED NOTES, STANDARDIZED	2-1-60	DONLON	Edlund
4 36525-328	REM PD COL (B THD); REV NOTE 3, ADD NOTE 8; RENUM NOTES 9/15	3-17-60	scholar	Edlund
5 37985-6	REDESIGN GROMMET FOR 10-169117-12 ARR	2-3-61	HISCOCK	Edlund
A 51175-1	(MFG); REM NOTE 15, REVISION LETTER (C) (2 PLACES), (C)	11-7-69	CABLE	Edlund
A 53249-2	ADD. 9-3895 (PRO SPEC); REV STAMP NOTES; REM H COL & DATA	1-5-72	Edlund	Edlund

9. STAMP PER 9-2811 "BENDIX" DATE CODE (9-3895) & MS NUMBER
EXAMPLE:
BENDIX-7139
MS3101E20-12S
FOR SUFFIX OTHER THAN "P" OR "S",
STAMP PER 9-2437
(SUFFIX OF MS NO. ONLY)
EXAMPLE:
MS3101E20-12SX
BENDIX-7139
10. ALL LOCKWIRE HOLES ARE .045 DIA MIN.
11. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
12. SEE DRAWINGS 10-69608 THRU 10-69640 & DRAWINGS 10-69808 THRU 10-69840 FOR REQUIRED MATING PLUG ASSEMBLIES.
13. FOR OPTIMUM MOISTURE RESISTANCE, CABLE DIAMETERS MUST BE WITHIN 58% OF MAXIMUM FOR EACH CONTACT SIZE. FOR SMALLER CABLES, USE WATERPROOF SLEEVING.
14. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
1. THE UNITS ILLUSTRATED MEET THE REQUIREMENTS OF MS3101E PER SPEC MIL-C-5015C.
2. DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.
3. FOR CONTACT SIZE, SPACING & SERVICE RATING, SEE DRAWING MS33680 THRU MS33690.
4. DIMENSION INDICATES FINAL INSTALLATION FOR STORAGE & SHIPPING, ADAPTER ASSEMBLY & NUT ASSEMBLY MUST BE LOOSELY COUPLED.
5. INCREASE A DIMENSION BY .312 FOR SIZE "O" CONTACT ONLY.
7. SHIP CONNECTOR, WITH SEALING PLUGS UNASSEMBLED, IN A PLIOFILM BAG.
8. FOR PART NUMBERS 10-169117-13, 10-169118-15, 61- & 62-, SEE INDIVIDUAL DRAWINGS 10-169117-13, 10-169118-15, 61-00000 & 62-00000.
6. ALL UNUSED GROMMET HOLES MUST BE FILLED WITH SEALING PLUGS.



10-169108 THRU
10-169140

SOLDER WELL DATA						
CONTACT SIZE	0	4	8	12	16M	16
WELL DIA	.469 ^{+.005} _{-.003}	.332 ^{+.005} _{-.003}	.209 ^{+.004} _{-.002}	.116 ^{+.004} _{-.002}	.078 ^{+.004} _{-.002}	.078 ^{+.004} _{-.002}
WELL DEPTH	.625	.625	.500	.375	.188	.250

MATERIAL SPEC		TEST 9-3106-3 ASSY 9-3103-2 SEE NOTE 1 9-2437, 9-2811 9-3895		SCINTILLA MAGNETO DIVISION BENDIX AVIATION CORPORATION BENDIX, U.S.A.		PREPARED BY: [Signature] CHECKED BY: [Signature] DATE: [Date]	
HEAT TREAT SPEC		CONNECTOR, ELECTRICAL PLUG, TYPE SG() FL		RINES Balantic		10-169108 THRU 10-169140	
END USE		22569-7		4-25-57		5-9-57	
				NONE		10-69108/40	
				CODE 77620		DWG SIZE C	