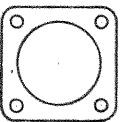
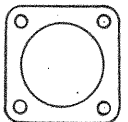
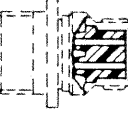
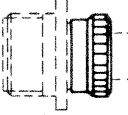
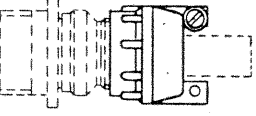
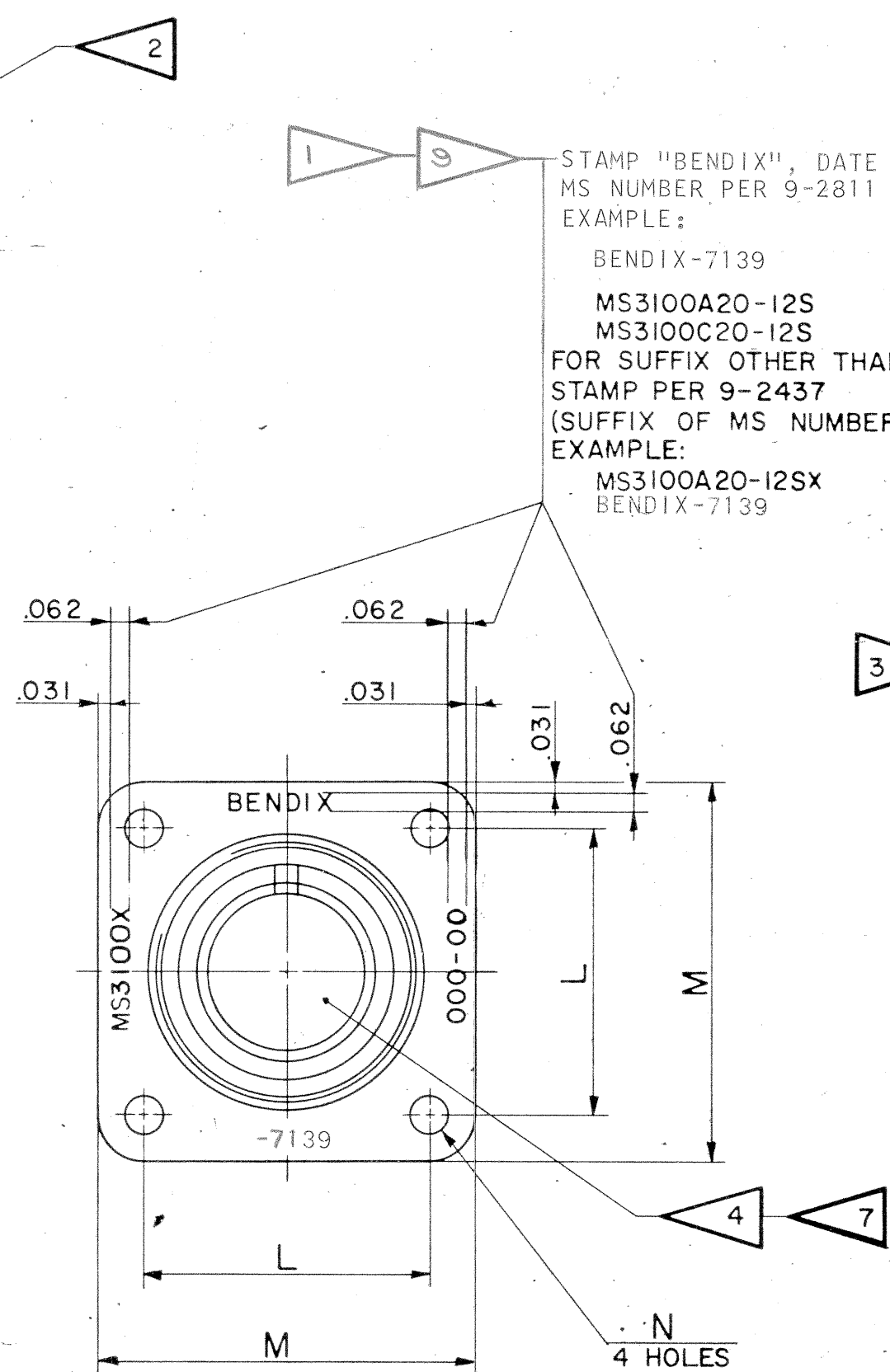
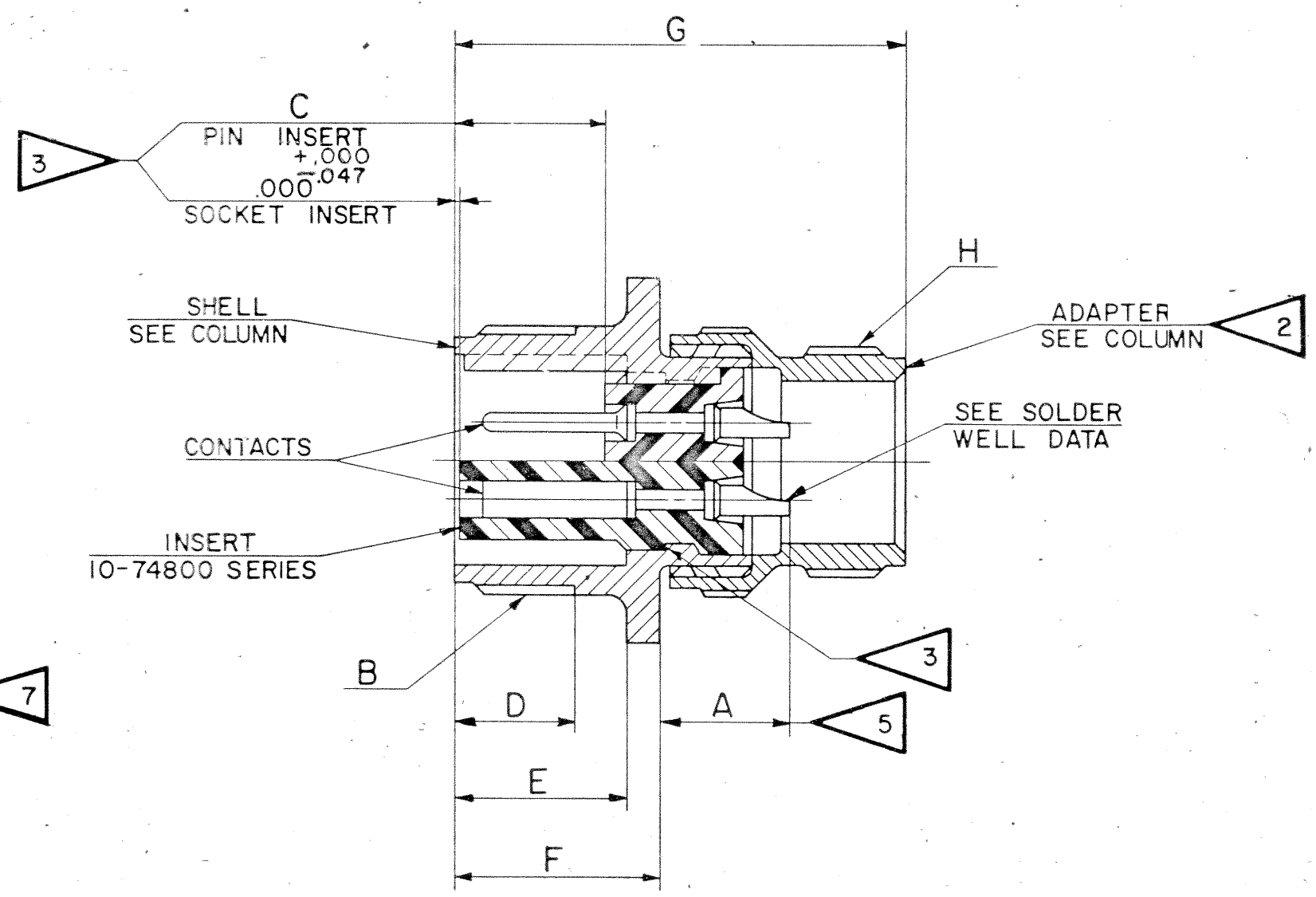


ACCESSORIES (NOT PART OF STANDARD ASSEMBLY)	
 FLANGE GASKET, PLAIN 10-40450- SERIES	 FLANGE GASKET, SHIELDING 10-40450- () S SERIES
 GROMMET 10-40800 SERIES	 GROMMET RETAINING NUT SEE TABLE
 CABLE CLAMP 10-35900-XX3 SERIES	



STAMP "BENDIX", DATE CODE (9-3895) & MS NUMBER PER 9-2811
 EXAMPLE:
 BENDIX-7139
 MS3100A20-12S
 MS3100C20-12S
 FOR SUFFIX OTHER THAN "P" OR "S",
 STAMP PER 9-2437
 (SUFFIX OF MS NUMBER ONLY)
 EXAMPLE:
 MS3100A20-12SX
 BENDIX-7139



10-168008 THRU
10-168040

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 $\pm$.031 -.000	.625	.625	.500	.375	.250				

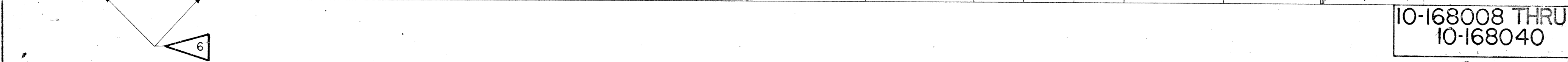
MATERIAL SPEC.	PROCESS SPEC. SEE SHEET 2	SCINTILLA MAGNETO DIVISION BENDIX AVIATION CORPORATION SIDNEY, N.Y. U.S.A.				TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS $\pm$.010			
HEAT TREAT SPEC.	FINISH SPEC.	NAME CONNECTOR, ELECTRICAL RECEPTACLE, TYPE C () FW				NEXT ASSEMBLY SEE PARTS LIST			
		D'WAN	CHECKER	MAT.	ST'DS	CH. D'WAN	APPROVED	SCALE	SUPERSEDED BY
		RINES	B. J. RINES					NONE	10-168008 THRU 10-168040
		TOOL ACC. SUM. 22569-1				DWG. SIZE C TAB. SHEET 1 OF 2 CODE 7782			

SEE SHEET 2.
 NOTES: REF SYMBOL 

USE OF THIS DOCUMENT IS UNLIMITED. DOCUMENTS REFERENCED HEREON CONTAIN LIMITED RIGHTS DATA.

REF	WA	DATE	D MAN	APPD
1 33750-64	SEE SHEET 1	1-20-58	HUDOCK	
2 35826-1	SEE SHEET 1	9-2-59	SIEDSMA	
A1 36200-27	SEE SHEET 1	2-11-60	Markowski	
A2 36525-322	SEE SHEET 1	3-17-60	LALLI	
A3 42525-43	SEE SHEET 1	10-263	MILLAR	
A4	SEE SHEET 1 FOR ALL CHANGES			
A5				

ASSEMBLY NO.	MS NO.	DIMENSIONS											DETAILS			ACCESSORY
		A +.050 -.060	B THREAD (PLATED) CLASS 2A	C ±.031	D MIN FULL THD	E +.010 -.000	F +.020 -.010	G ±.030	H THREAD (PLATED) CLASS 2A	L ±.005	M	N DIA +.004 -.002	SHELL	ADAPTER	GROMMET RETAINING NUT	
10-168008 -	3100 8S -	.422	.5000-28UNEF	.484	.391	.562	.672	1.391	.5000-28UNEF	.594	.875	.120	10-37260-8	10-37267-8	10-37269-8	
10-168010 -	10S -		.6250-24NEF			.563		1.468	.5000-28UNEF	.719	1.000		-10	-10		-10
10-168011 -	10SL -		.6250-24NEF			.562			.6250-24NEF	.719	1.000		-11	-12		-12
10-168012 -	12S -		.7500-20UNEF			.563				.812	1.094		-12	-12		-12
10-168013 -	12 -	.672	.7500-20UNEF	.672	.625	.750	.860	1.843		.812	1.094		-13	-13		-13
10-168014 -	14S -	.422	.8750-20UNEF	.484	.450	.562	.672	1.468	.7500-20UNEF	.906	1.188		-14	-14		-14
10-168015 -	14 -	.672	.8750-20UNEF	.672	.625	.750	.860	1.843	.7500-20UNEF	.906	1.188		-15	-15		-15
10-168016 -	16S -	.422	1.0000-20UNEF	.484	.450	.562	.672	1.468	.8750-20UNEF	.969	1.281		-16	-16		-16
10-168017 -	16 -	.672	1.0000-20UNEF	.672	.625	.750	.860	1.843	.8750-20UNEF	.969	1.281		-17	-17		-17
10-168018 -	18 -	.641	1.1250-18NEF				.891	1.938	1.0000-20UNEF	1.063	1.375		-18	-18		-18
10-168020 -	20 -		1.2500-18NEF					1.844	1.1875-18NEF	1.156	1.500		-20	-20		-20
10-168022 -	22 -		1.3750-18NEF					1.938	1.1875-18NEF	1.250	1.625		-22	-22		-22
10-168024 -	24 -	.578	1.5000-18NEF			.813	.953	1.969	1.4375-18NEF	1.375	1.750	.147	-24	-24		-24
10-168028 -	28 -	.578	1.7500-18NS			.812	.953	2.188	1.4375-18NEF	1.562	2.000	.147	-28	-28		-28
10-168032 -	32 -	.500	2.0000-18NS			.875	1.032	2.157	1.7500-18NS	1.750	2.250	.173	-32	-32		-32
10-168036 -	36 -		2.2500-16UN				1.031	2.219	2.0000-18NS	1.938	2.500		-36	-36		-36
10-168040 -	40 -		2.5000-16UN				1.031	2.188	2.2500-16UN	2.188	2.750		-40	-40		-40



10-168008 THRU
10-168040

- FOR CONTACT SIZE, SPACING & SERVICE RATING, SEE DRAWINGS MS33680 THRU MS33690.
- DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.
- ADAPTER MUST BE REMOVED WHEN GROMMET RETAINING NUT IS USED.
- THE UNITS ILLUSTRATED MEET THE REQUIREMENTS OF MS3100A & MS3100C, PER SPEC MIL-C-5105D.
- FOR PART NUMBERS 10-168017-13, 10-168018-15, 61- & 62-, SEE INDIVIDUAL DRAWINGS 10-168017-13, 10-168018-15, 61-00000 & 62-00000.
- SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
- SEE DRAWINGS 10-168608 THRU 10-168640 & 10-168808 THRU 10-168840 FOR REQUIRED MATING PLUG ASSEMBLIES.
- ALL 10- & 61- ASSEMBLIES TO BE ASSEMBLED TO 9-3103-1 AND TESTED TO 9-3106-5, INSERTS AND CONTACTS ARE REMOVABLE. ALL 62- ASSEMBLIES TO BE ASSEMBLED TO 9-3238-1 AND TESTED 9-3106-4, INSERTS AND CONTACTS ARE NOT REMOVABLE.
- TO COMPLETE ASSEMBLY NUMBER & MS NUMBER, 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 10-168008 THRU 10-168040.
- INCREASE A DIMENSION BY .312 FOR SIZE "0" CONTACT ONLY.

MATERIAL SPEC		PROCESS SPEC TEST 9-3106-5 9-3106-4 ASSY 9-3103-1 9-3238-1 SEE NOTE 7 9-2811 9-2437 9-3895		SCINTILLA MAGNETO DIVISION BENDIX AVIATION CORPORATION SIDNEY, N.Y., U.S.A.				TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS ±.010 ANGLES ±.5° HOLE POSITION ±.010 HOLE SIZE ±.005 HOLE LENGTH ±.010 HOLE TAPER ±.005 HOLE ROUNDNESS ±.005 HOLE SQUARENESS ±.005 HOLE CHAMFER ±.005 HOLE DEPTH ±.005 HOLE DIAMETER ±.005 HOLE LENGTH ±.005 HOLE TAPER ±.005 HOLE ROUNDNESS ±.005 HOLE SQUARENESS ±.005 HOLE CHAMFER ±.005 HOLE DEPTH ±.005 HOLE DIAMETER ±.005							
PLATE/THREAD SPEC		NAME CONNECTOR, ELECTRICAL RECEPTACLE, TYPE C () FW		D'MAN		CHECKER	MAT.	ST'DS	CH D'MAN	APPROVED	SCALE	NEXT ASSEMBLY		WEIGHT LBS SEE PARTS LIST	
TOOL ALE		COM REC 2-569-1		RINES		BALMATIC		42557	59-57		NONE	SUPERSEDES		AND IS NOT INTERCHANGEABLE	
				10-168008 THRU 10-168040								10-168008 THRU 10-168040		SHEET 2 OF 2	

NOTES: REF SYMBOL

Mouser Electronics

Authorized Distributor

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

Amphenol:

[MS3100C20-7P](#) [MS3100C28-21SW](#) [MS3100C28-21SX](#) [MS3100C28-21SZ](#) [MS3100C10SL-3P](#) [MS3100C14S-2P](#)
[MS3100C14S-5P](#) [MS3100C14S-5S](#) [MS3100C14S-6P](#) [MS3100C14S-9P](#) [MS3100C16S-8P](#) [MS3100C18-11S](#)
[MS3100C18-1S](#) [MS3100C20-27S](#) [MS3100C22-14S](#) [MS3100C22-22S](#) [MS3100C22-23P](#) [MS3100C22-27S](#)
[MS3100C24-22S](#) [MS3100C24-6S](#) [MS3100C28-11S](#) [MS3100C28-16S](#) [MS3100C28-21S](#) [MS3100C28-6P](#)
[MS3100C36-15S](#) [MS3100C18-1SW](#) [MS3100C-28-21P](#) [MS3100C-32-7P](#) [MS3100C-28-20S](#) [MS3100C-20-29P](#)
[MS3100C-36-10P](#) [MS3100C-22-14P](#) [MS3100C-28-15S](#) [MS3100C-28-11P](#) [MS3100C-20-27P](#) [MS3100C-20-15S](#)
[MS3100C-28-9S](#) [MS3100C-24-28P](#) [MS3100C-36-10S](#) [MS3100C-20-8S](#) [MS3100C-24-10P](#) [MS3100C-28-20P](#)
[MS3100C28-15SW](#) [MS3100C20-29S](#) [MS3100C16-13SW](#) [MS3100C24-5P](#) [MS3100C24-6P](#) [MS3100C36-9S](#)
[MS3100C16-10SX](#) [MS3100C40-56S](#) [MS3100C24-10S](#) [MS3100C24-12S](#) [MS3100C32-6P](#) [MS3100C18-11P](#)
[MS3100C18-9P](#) [MS3100C20-18S](#) [MS3100C20-33P](#) [MS3100C20-33S](#) [MS3100C22-2S](#) [MS3100C16S-1P](#)
[MS3100C16S-1S](#) [MS3100C16S-3P](#) [MS3100C22-22P](#)