

ASSY NO.	MS NO.	DIMENSIONS										
		A +.050 -.060	B THREAD (PLATED) CLASS 2A	C ±.031	D MIN FULL THD	E +.010 -.000	F +.020 -.010	G +.000 -.010	H DIA +.010 -.000	J ±.005	K	L DIA +.004 -.002
10-168208-	3102 8S-	.422	.5000-28 UNEF	.484	.391	.562	.672	.297	.375	.594	.875	.120
10-168210-	10S-		.6250-24 NEF						.500	.719	1.000	
10-168211-	10SL-		.6250-24 NEF						.625	.719	1.000	
10-168212-	12S-		.7500-20 UNEF		.450				.625	.812	1.094	
10-168213-	12-	.672	.7500-20 UNEF	.672	.625	.750	.860	.484	.625	.812	1.094	
10-168214-	14S-	.422	.8750-20 UNEF	.484	.450	.562	.672	.297	.750	.906	1.188	
10-168215-	14-	.672	.8750-20 UNEF	.672	.625	.750	.860	.484	.750	.906	1.188	
10-168216-	16S-	.422	1.0000-20 UNEF	.484	.450	.562	.672	.297	.875	.969	1.281	
10-168217-	16-	.672	1.0000-20 UNEF	.672	.625	.750	.860	.484	.875	.969	1.281	
10-168218-	18-	.641	1.1250-18 NEF				.891	.453	1.000	1.062	1.375	
10-168220-	20-		1.2500-18 NEF						1.125	1.156	1.500	
10-168222-	22-		1.3750-18 NEF						1.250	1.250	1.625	
10-168224-	24-	.578	1.5000-18 NEF			.812	.953		1.375	1.375	1.750	.147
10-168228-	28-	.578	1.7500-18 NS			.812	.953		1.625	1.562	2.000	.147
10-168232-	32-	.500	2.0000-18 NS			.875	1.031	.438	1.875	1.750	2.250	.173
10-168236-	36-		2.2500-16 UN						2.062	1.938	2.500	
10-168240-	40-		2.5000-16 UN						2.312	2.188	2.750	

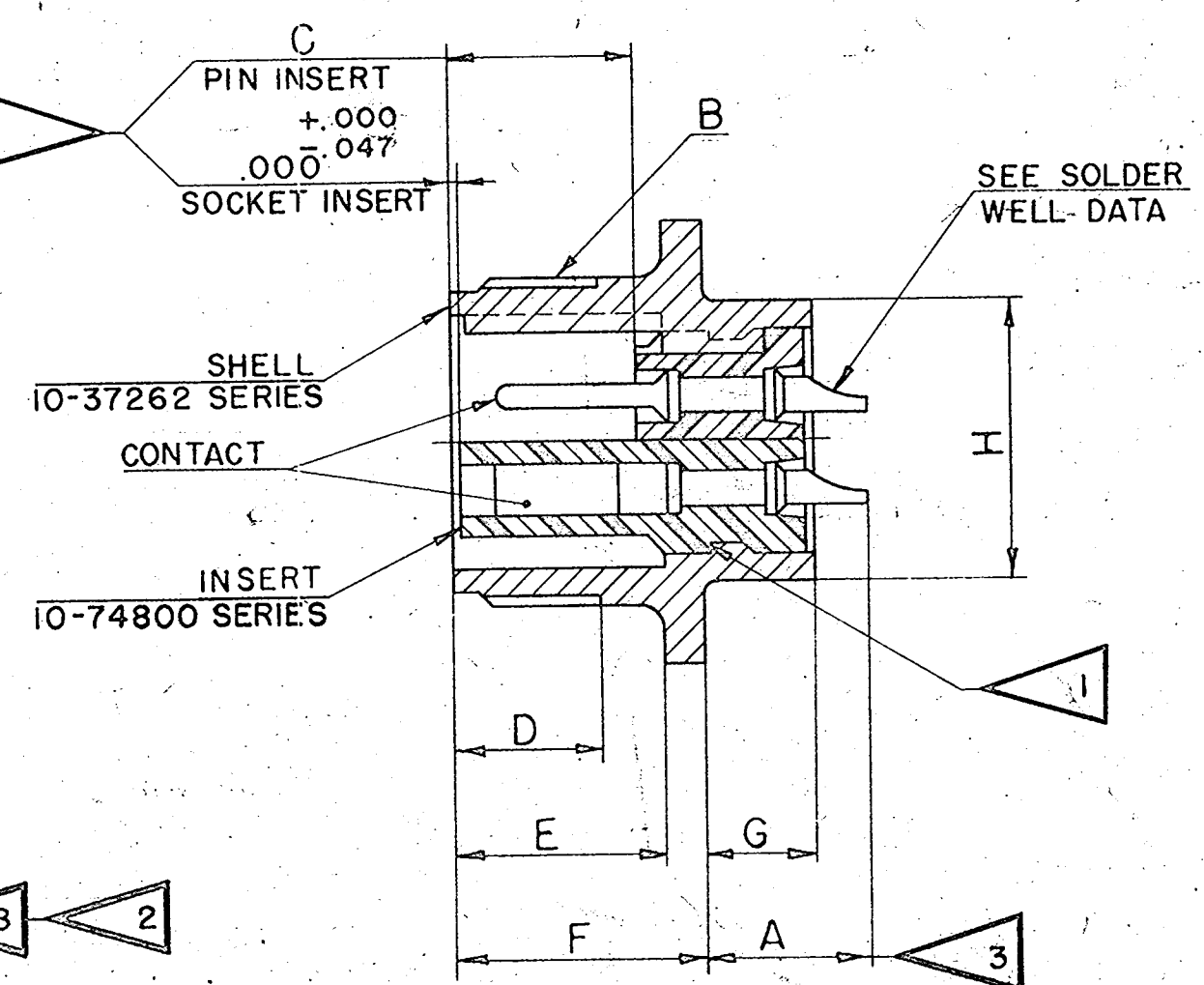
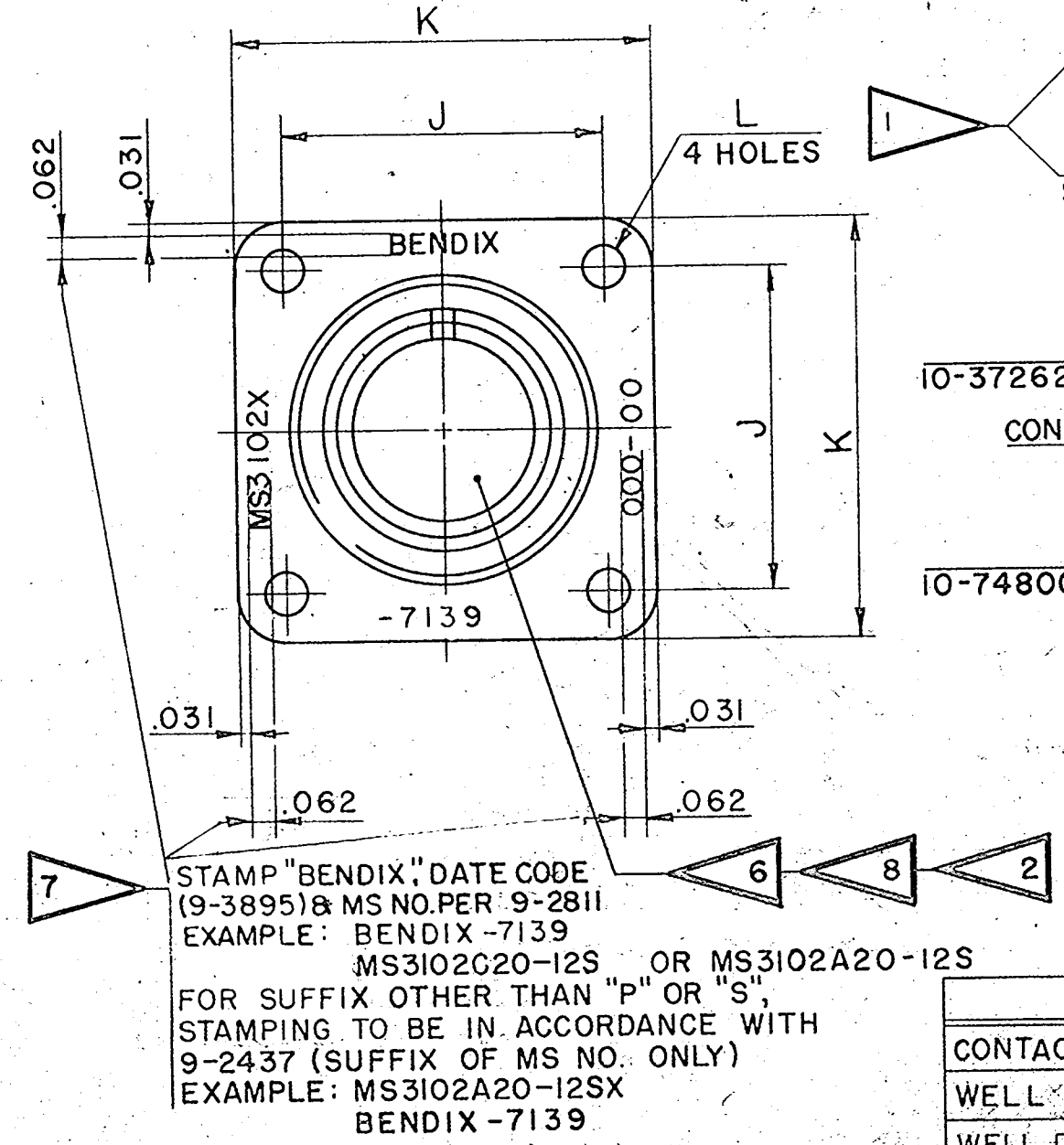
ACCESSORY
(NOT PART OF STANDARD ASSEMBLY)

FLANGE GASKET, PLAIN
10-40450-(SHELL SIZE)

FLANGE GASKET, SHIELDING
10-40450-(SHELL SIZE) S

32508-157	ADD. NOTE 9 & DATA.	1-20-68	MOORE
1 33750-56	REV. "C" COLUMN	9-2-59	SIEDSMA
2 35826-3	(SOLDER WELL DEPTH); REM SOLDER WELL DATA FOR 16	2-11-60	MR. WSK
A1 36200-27	REM PD COL (8 THD); REV NOTE 2; ADD NOTE 10	3-17-60	LALLI
A2 36525-324	MIL-C-5015C (NOTES 8 & 6)	10-26-63	MILLAR
A3 42525-42	REM NOTE 9, REVISION LETTER (C) (3 PLACES)	11-17-69	Condell
A4 51175-1	ADD. 9-3895 (PRO SPEC)	1-6-72	Condell
A5 53247-13	REV STAMPING NOTE		Hayes
A6 54525-222	REV STAMPING EX (REM (C))	3-13-73	Condell

- ALL 10- & 61-ASSEMBLIES TO BE ASSEMBLED PER 9-3103-1 & TESTED PER 9-3106-5. SUCH UNITS MEET THE REQUIREMENTS OF MS3102A PER MIL-C-5015D. INSERTS & CONTACTS ARE REMOVABLE.
- SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
- ALL 62-ASSEMBLIES TO BE ASSEMBLED PER 9-3238-1 & TESTED PER 9-3106-4. SUCH UNITS MEET THE PERFORMANCE REQUIREMENTS OF MS3102C PER MIL-C-5015D. INSERTS & CONTACTS ARE NOT REMOVABLE.
- SEE DRAWINGS 10-168608 THRU 10-168640 & DRAWINGS 10-168808 THRU 10-168840 FOR MATING PLUG ASSEMBLIES.
- TO COMPLETE ASSEMBLY NUMBER & 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 LIST 10-168208 THRU 10-168240.
- 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.



10-168208 THRU
10-168240

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

SOLDER WELL DATA					
CONTACT SIZE	0	4	8	12	16M
WELL DIA	469 ⁺⁰⁰⁵ ₋₀₀₃	332 ⁺⁰⁰⁵ ₋₀₀₃	209 ⁺⁰⁰⁴ ₋₀₀₂	116 ⁺⁰⁰⁴ ₋₀₀₂	078 ⁺⁰⁰⁴ ₋₀₀₂
WELL DEPTH	625	625	500	375	250

TEST 9-3106-5 9-3106-4 ASSY 9-3103-1 9-3238-1 SEE NOTES 6,7 9-2437 9-2811 9-3895		SCINTILLA MAGNETO DIVISION REPAIR & MAINTENANCE DEPARTMENT BIRMINGHAM, ALA.		TOLERANCES, UNLESS OTHERWISE SPECIFIED: DECIMALS: .010	
MATERIAL SPEC 10-168208-157		CONNECTOR, ELECTRICAL RECEPTACLE, TYPE (C) (FB)		NEXT ASSEMBLY SEE PARTS LIST	
D'NAN	CHECKER	MAT	ST'DS	CH'D'NAN	APPROVED
S.GREER	Balanin		W. J. H.	W. J. H.	W. J. H.
4-24-57	5-9-57		5-10-57	5-10-57	5-10-57
DWG SIZE C			SUPERSEDES 10-168208/40 10-168240		

NOTES: REF SYMBOL

10. FOR PART NUMBERS 10-168217-13, 10-168218-15, 61- & 62-, SEE INDIVIDUAL DRAWINGS 10-168217-13, 10-168218-15, 61-00000 & 62-00000.

Mouser Electronics

Authorized Distributor

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

Amphenol:

[MS3102C14S-5P](#) [MS3102C14S-5PX](#) [MS3102C20-7P](#) [MS3102C14S-2P](#) [MS3102C24-12SY](#) [MS3102C20-15S](#)
[MS3102C20-27S](#) [MS3102C22-22S](#) [MS3102C20-4P](#) [MS3102C10SL-3P](#) [MS3102C10SL-4P](#) [MS3102C16S-1S](#)
[MS3102C18-10S](#) [MS3102C18-11S](#) [MS3102C18-1S](#) [MS3102C20-15P](#) [MS3102C20-29S](#) [MS3102C20-8P](#)
[MS3102C22-22P](#) [MS3102C22-23P](#) [MS3102C22-34P](#) [MS3102C24-12S](#) [MS3102C28-12S](#) [MS3102C28-22P](#)
[MS3102C32-17S](#) [MS3102C18-11SX](#) [MS3102C18-4S](#) [MS3102C18-4P](#) [MS3102C20-29P](#) [MS3102C28-21P](#)
[MS3102C-32-17P](#) [MS3102C-20-27P](#) [MS3102C-28-2P](#) [MS3102C-24-10P](#) [MS3102C-36-10P](#) [MS3102C-24-27P](#)
[MS3102C-28-20P](#) [MS3102C-28-12P](#) [MS3102C-24-28P](#) [MS3102C-28-17P](#) [MS3102C-22-9S](#) [MS3102C-22-33P](#)
[MS3102C-18-1P](#) [MS3102C-22-14P](#) [MS3102C-22-18P](#) [MS3102C-22-1P](#) [MS3102C-24-10S](#) [MS3102C-32-13P](#)
[MS3102C20-15SW](#) [MS3102C14S-7S](#) [MS3102C22-9P](#) [MS3102C14S-5S](#) [MS3102C22-14S](#) [MS3102C32-6S](#)
[MS3102C16-10P](#) [MS3102C20-4S](#) [MS3102C28-6P](#) [MS3102C28-18P](#) [MS3102C20-33P](#) [MS3102C24-28S](#)
[MS3102C14S-1S](#) [MS3102C20-22S](#) [MS3102C16-11S](#) [MS3102C14S-7P](#) [MS3102C28-21S](#) [MS3102C16S-8P](#)
[MS3102C20-11S](#) [MS3102C18-12P](#) [MS3102C16-11P](#) [MS3102C20-18P](#) [MS3102C14S-6P](#) [MS3102C18-19S](#)
[MS3102C24-9S](#) [MS3102C14S-6S](#) [MS3102C10S-2P](#) [MS3102C22-5S](#) [MS3102C16-10S](#) [MS3102C16-9S](#)
[MS3102C20-19P](#) [MS3102C18-19P](#) [MS3102C14S-9S](#) [MS3102C24-22P](#) [MS3102C18-11P](#) [MS3102C28-6PW](#)
[MS3102C18-10P](#) [MS3102C22-22PX](#) [MS3102C18-11SY](#) [MS3102C18-5P](#) [MS3102C14S-2S](#) [MS3102C12S-3SX](#)
[MS3102C16S-1P](#) [MS3102C20-27PW](#) [MS3102C40-57S](#) [MS3102C12S-3P](#) [MS3102C22-4P](#) [MS3102C28-16SW](#)
[MS3102C18-3P](#) [MS3102C20-23P](#) [MS3102C22-23S](#) [MS3102C36-10S](#)