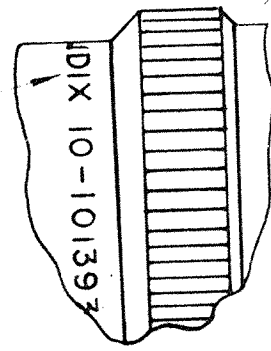


CONTACTS
NOT PART OF STANDARD ASSEMBLY

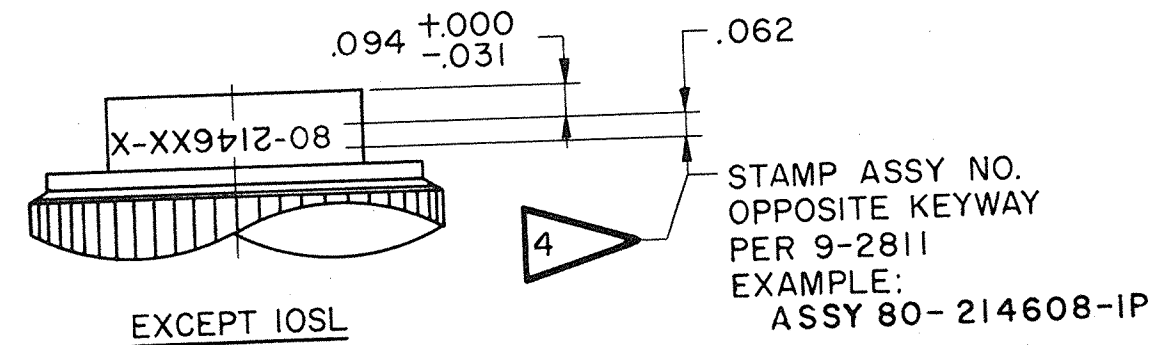
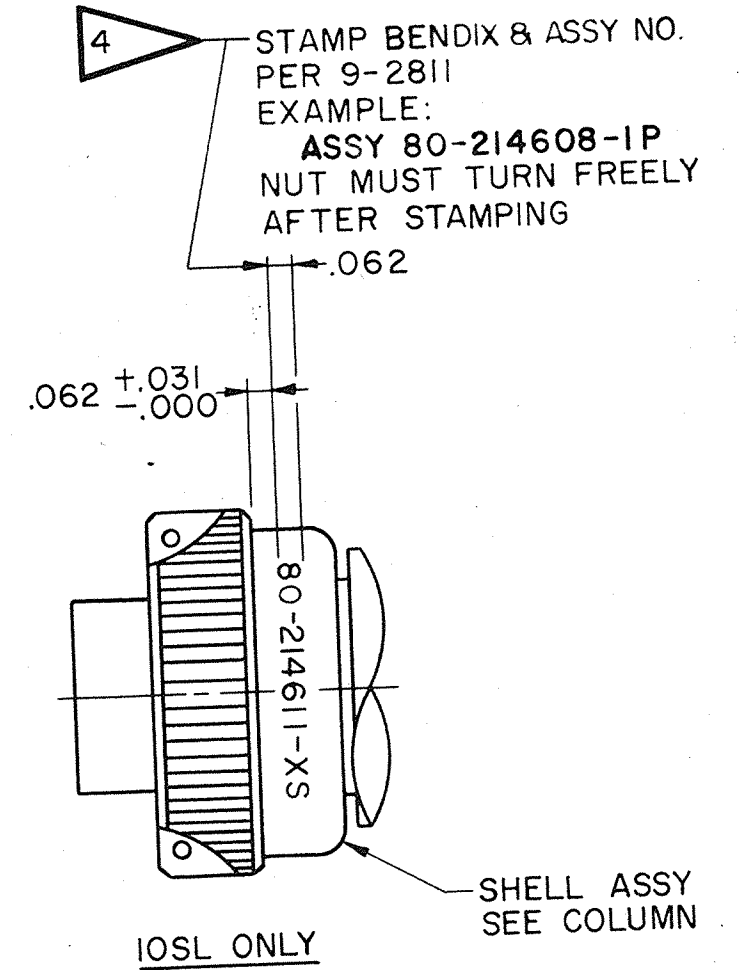
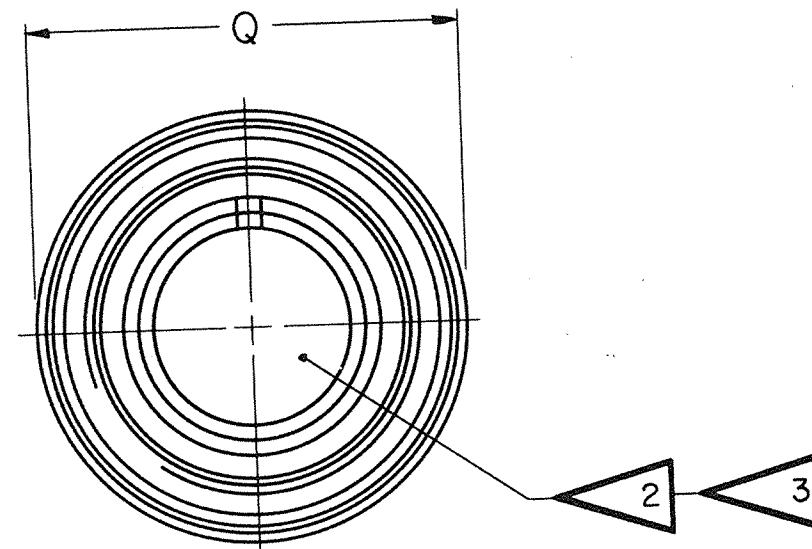
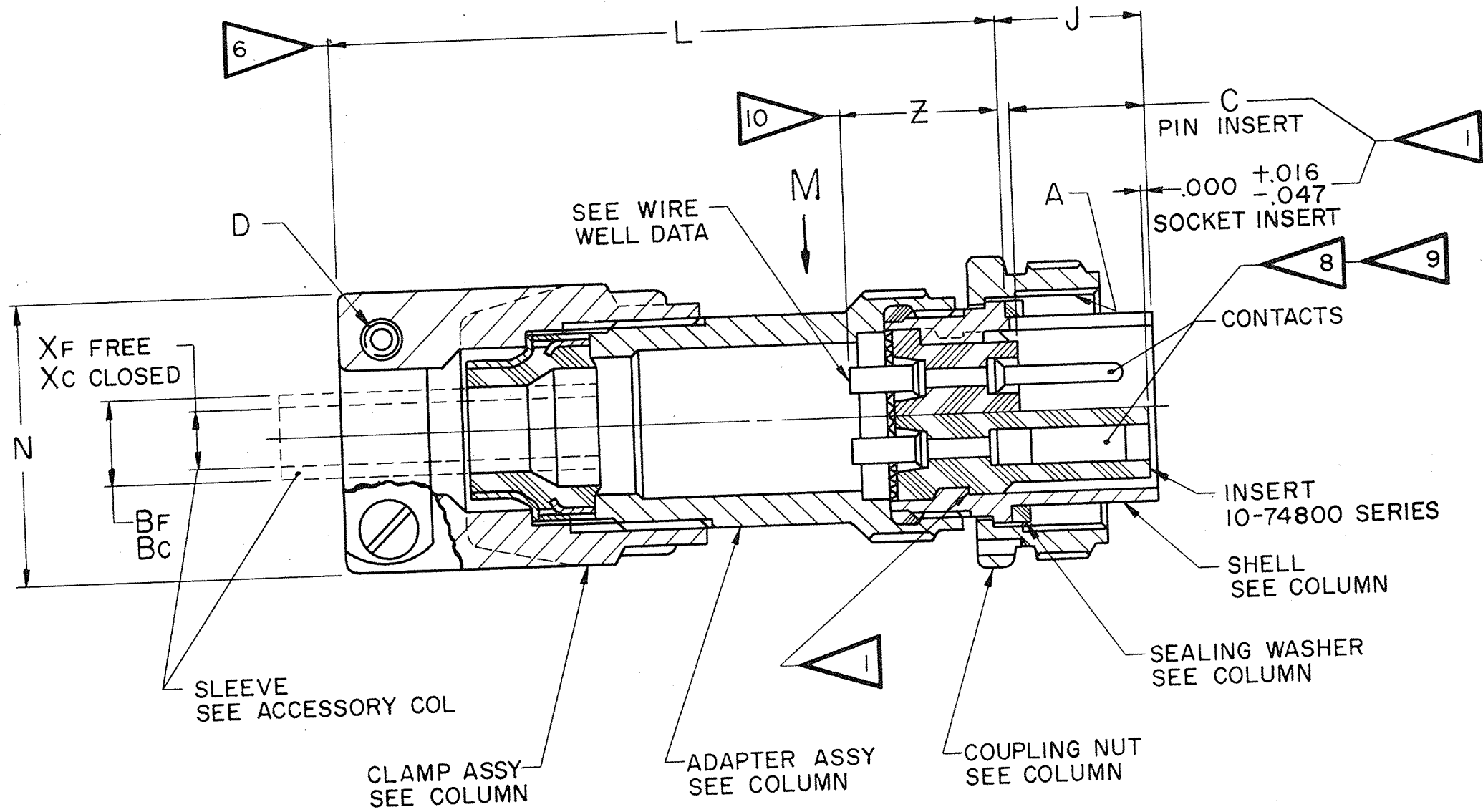
SIZE	.00003 GOLD PLATED		SILVER PLATED	
	PIN CONTACT PART NO.	SOCKET CONTACT PART NO.	PIN CONTACT PART NO.	SOCKET CONTACT PART NO.
16M	10-113239-15P	10-113239-15S	10-40553	10-40552
16ML	-16P	-16S	10-40557	10-40556
12	-12P	-12S	10-40561	10-40560
8	-8P	-8S	10-40792	10-40793

STAMP "BENDIX" & ADAPTER PART NO. (SEE COL) PER 9-2811 IN APPROX POSITION SHOWN
EXAMPLE: BENDIX 10-101393-103 OR 10-329290-203



VIEW AT M

REL NO. 37536-54		REVISIONS		DATE	APPROVED
CHG NO.	SYM	DESCRIPTION			
38202-7	3	REDRAWN, SAME SIZE, WAS 10-35900 (CLAMP ASSY), STANDARDIZED		11-14-61	<i>[Signature]</i>
40695-12	4	ADD VIEW AT M & LOCAL STAMP NOTE; REV LOCAL STAMP NOTE (2)		2-7-63	<i>[Signature]</i>



WIRE WELL DATA				
CONTACT SIZE	8	12	16M	
WELL DIA	$.179 \begin{smallmatrix} +.004 \\ -.002 \end{smallmatrix}$	$.098 \begin{smallmatrix} +.004 \\ -.000 \end{smallmatrix}$	$.063 \begin{smallmatrix} +.004 \\ -.000 \end{smallmatrix}$	
WELL DEPTH	.500	.250	.250	

ITEM NO.	QTY REQD	DESCRIPTION	PART NUMBER	CODE IDENT	ZONE	NEXT ASSEMBLY
PARTS LIST						
UNLESS OTHERWISE SPECIFIED		DRAWN: PAGE		DATE: 12/20/60		THE Bendix CORPORATION SCINTILLA DIVISION SIDNEY, NEW YORK, U.S.A. TITLE: CONNECTOR, ELECTRICAL PLUG, TYPE SC (MC) CODE IDENT NO: 77820 SIZE: C 80-214608 THRU 80-214650 SCALE: NONE WT: SEE PL REF: 10-214608/40 SHEET 1 OF 2
LINEAR DIMENSIONS ARE IN INCHES. TOLERANCES: 3 PLACES $\pm .010$; 2 PLACES $\pm .03$; 1 PLACE ± 1 ; ANGLES $\pm 2^\circ$. OTHER STANDARDS PER SCINTILLA SPEC 9-3800 AND MIL-STD 8.		CHECKED: <i>[Signature]</i>		DATE: 12-19-61		
MATERIAL SPEC	PROCESS SPEC SEE SHEET 2	STANDARDS: <i>[Signature]</i> 12-20-61		DRAFTING: <i>[Signature]</i> 12-20-61		
		ENGINEERING: <i>[Signature]</i> 12-20-61		DEVELOPMENT:		

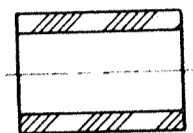
SEE SHEET 2.
NOTES: REF SYMBOL

MD S-703

TAB.

REVISIONS		DATE	APPROVED
REL NO.	37576 54		
CHG NO.	SYM	DESCRIPTION	
	3	SEE SHEET 1 FOR ALL CHANGES	
	4		

ASSEMBLY NUMBER	AN. NO. REF	SHELL	COUPLING NUT	ADAPTER ASSEMBLY	CLAMP ASSEMBLY	SEALING WASHER	A THREAD CLASS 2B	Bf FREE DIA	Bc CLOSED DIA	C +.016 -.047	D THREAD CLASS 2 REF	J ±.005	L MAX	N MAX	Q DIA MAX	Z ±.045	ACCESSORIES (NOT PART OF STANDARD ASSEMBLY)		
																	SLEEVE		
																	PART NO.	XF DIA	XC DIA
80-214608-	3106-8S-	10-37266-8	10-37265-8	10-101393-83	10-350349-103	10-35957-81	.5000-28 UNEF	.219	.027	.492	6-32 NC	.531	2.474	.812	.741	.609	10-35910-101	.125	.000
80-214610-	-10S-	10-37266-10	10-37265-10	-103	-103	-81	.6250-24 NEF	.219	.027	.492				.812	.869		-101	.125	.000
80-214611-	-10SL-	10-113488-11	SHELL ASSY	-123	-123	-81	.6250-24 NEF	.312	.094	—				.906	.946		-121	.219	.010
80-214612-	-12S-	10-37266-12	10-37265-12	-123	-123	-101	.7500-20 UNEF			.492					.995		-121		
80-214613-	-12-	-13	-13	-133	-123	-101	.7500-20 UNEF			.679		.719	2.718		.995	.812	-121		
80-214614-	-14S-	-14	-14	-143	-143	-121	.8750-20 UNEF	.438	.230	.492		.531	2.474	1.031	1.123	.609	-141	.312	.114
80-214615-	-14-	-15	-15	-153	-143	-121	.8750-20 UNEF	.438	.230	.679		.719	2.718	1.031	1.123	.812	-141	.312	.114
80-214616-	-16S-	-16	-16	-163	-163	-141	1.0000-20 UNEF	.531	.316	.492		.531	2.474	1.125	1.250	.609	-161	.438	.222
80-214617-	-16-	-17	-17	-173	-163	-141	1.0000-20 UNEF	.531	.316	.679		.719	2.718	1.125	1.250	.812	-141	.312	.085
80-214618-	-18-	-18	-18	-183	-183	-161	1.1250-18 NEF	.625	.378				2.797	1.234	1.333		-181	.438	.200
80-214620-	-20-	-20	-20	10-329290-203	-203	-181	1.2500-18 NEF	.750	.445		8-32 NC		3.061	1.484	1.461		-201	.541	.270
80-214622-	-22-	-22	-22	-223	-203	-201	1.3750-18 NEF	.750	.445				3.311	1.484	1.588		-161	.438	.177
80-214624-	-24-	-24	-24	-243	-243	-221	1.5000-18 NEF	.938	.611				3.734	1.671	1.715		-241	.750	.433
80-214628-	-28-	-28	-28	-283	-243	-241	1.7500-18 NS	.938	.611				4.156	1.671	1.968		-201	.541	.260
80-214632-	-32-	-32	-32	-323	-323	-281	2.0000-18 NS	1.250	.922		2500-20UNC		4.655	2.188	2.209		-321	.938	.620
80-214636-	-36-	-36	-36	-363	-363	-321	2.2500-16 UN	1.375	.922				5.108	2.344	2.463		-241	.750	.442
80-214640-	-40-	-40	-40	-403	-403	-361	2.5000-16 UN	1.625	1.180				5.358	2.594	2.718		-401	1.250	.816
80-214644/50-		NOT AVAILABLE															-321	.938	.514
																	-241	.750	.368



- TO COMPLETE ASSEMBLY NUMBER & AN. NO. REF, 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 (PL) 80-214608/50.
- DIMENSION INDICATES FINAL INSTALLATION. FOR STORAGE & SHIPPING, CLAMP ASSY & ADAPTER ASSY MUST BE LOOSELY COUPLED.
- FOR MATING RECEPTACLE ASSEMBLIES, SEE DRAWINGS 80-214008/40 & OTHERS.
- SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
- INSERTS ARE NOT REMOVABLE.
- FOR CONTACT SIZE, SPACING & SERVICE RATING, SEE DRAWINGS ANDIO425 THRU ANDIO436.
- DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.

- UNITS ILLUSTRATED MEET THE MATERIAL & FINISH REQUIREMENTS OF MIL-C-5015C.
- ALL LOCKWIRE HOLES ARE .045 DIA MIN.
- INCREASE Z DIMENSION BY .266 FOR SIZE 8 CONTACTS ONLY.
- DRAWING ILLUSTRATES FINAL ASSEMBLY. CONTACTS ARE NOT PART OF THIS ASSEMBLY & MUST BE PURCHASED SEPARATELY.
- FOR FINAL INSTALLATION, CONTACTS MUST BE ASSEMBLED INTO ALL INSERT HOLES.

ITEM NO.	QTY REQD	DESCRIPTION	PART NUMBER	CODE IDENT	ZONE	NEXT ASSEMBLY
PARTS LIST						
UNLESS OTHERWISE SPECIFIED		DRAWN: PAGE	DATE: 12/20/60	SCINTILLA DIVISION THE Bendix CORPORATION SIDNEY, NEW YORK, U.S.A.		
LINEAR DIMENSIONS ARE IN INCHES. TOLERANCES: 3 PLACES ±.010; 2 PLACES -.03; 1 PLACE ±.1; ANGLES - 2°. OTHER STANDARDS PER SCINTILLA SPEC 9-3800 AND MIL-STD 8.		CHECKED: <i>B. Romeo</i>	DATE: 12-19-61			
MATERIAL SPEC		MATERIAL:	STANDARDS:	TITLE: CONNECTOR, ELECTRICAL PLUG, TYPE SC () MC		
PROCESS SPEC		9-3104-1 TEST	9-3106-8	CODE IDENT NO. 77820		
9-2811		9-2437		SIZE C		
				80-214608 THRU 80-214650		
				SCALE NONE		
				WT SEE PL		
				REF 10-214608/40		
				SHEET 2		

80-214608 THRU 80-214650