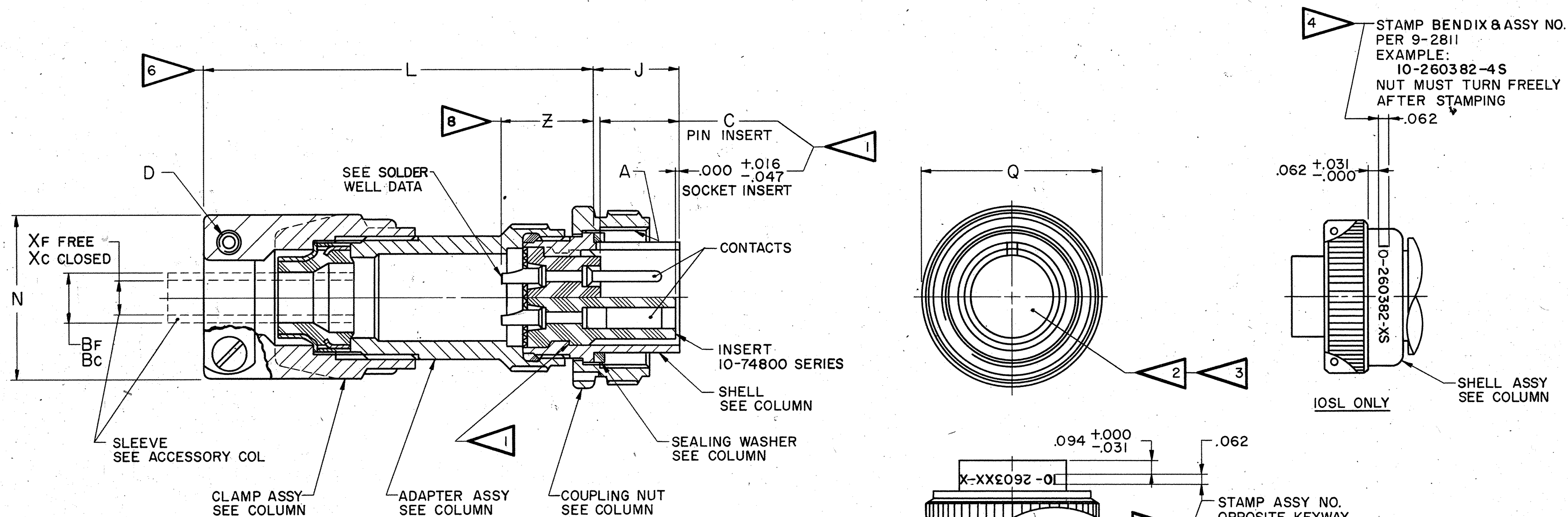


REL NO. 33508-487			REVISIONS	
CHG NO.	SYM	DESCRIPTION	DATE	APPROVED
43525-841	A1	(MFG); REV SOLDER WELL DATA; ADDED CONTACTS PARTS BLK & L-11908/48 TO NOTE 2	4-30-65 DAVIDSON	<i>Harrison</i>
45525-611	A2	ADD IO-260397 & DATA REV NOTE 8, REM CONTACT PART NO. BLOCK	2-15-66 SEWARD	<i>Harrison</i>
45525-874	A3	WAS 812 (± 0.045 COL) (IO 260397 ASSY NO 3, ADD THERMOCOUPLE & COAXIAL CHART & DATA, THERMOCOUPLE CONTACT DATA	8-5-66 Randall	<i>Hayes</i>
53928-1	A4	WAS IO-410951-443 (CLAMP ASSY) (IO-260397-1) ASSY NO.	7-3-72 Randall	<i>Hayes</i>



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

CONTACT DATA (WHERE APPLICABLE)		
THERMOCOUPLE		COAXIAL
MATERIAL	IDENT	SEE NOTE 2
CHROMEL	WHITE	
ALUMEL	GREEN	
IRON	BLACK	
CONSTANTAN	YELLOW	

INSERT ARRANGEMENTS CONTAINING THERMOCOUPLE OR COAXIAL CONTACTS MUST HAVE SUCH CONTACTS ASSEMBLED INTO THE INSERT IN PROPER LOCATIONS AS SPECIFIED BY APPLICABLE DRAWINGS L-11908-() THRU L-11948-() EXAMPLE: FOR IO-260389-67 USE L-11918-67. INTERNAL COMPONENTS OF COAXIAL CONTACTS MUST BE ASSEMBLED AND RETAINED BY A SUITABLE MEANS.

THERMOCOUPLE		SOLDER WELL DATA							
12	16	CONTACT SIZE	12 FOR #10 WIRE	16 FOR #12 WIRE	0	4	8	12	16M
.125 ± 0.004 / -0.002	.094 ± 0.004 / -0.002	WELL DIA	.152 ± 0.004 / -0.002	.109 ± 0.004 / -0.002	.469 ± 0.005 / -0.003	.332 ± 0.005 / -0.003	.209 ± 0.004 / -0.002	.116 ± 0.004 / -0.002	.078 ± 0.004 / -0.002
.250	.188	WELL DEPTH ± 0.031 / -0.000	.250	.188	.625	.625	.500	.375	.250

ITEM NO.	QTY REQD	DESCRIPTION	PART NUMBER	CODE IDENT	ZONE
PARTS LIST					
UNLESS OTHERWISE SPECIFIED		DRAWN: A. HISCOTT	DATE: 8-8-62	THE Bendix CORPORATION SCINTILLA DIVISION SIDNEY, NEW YORK, U.S.A.	
LINEAR DIMENSIONS ARE IN INCHES. TOLERANCES: 3 PLACES ± 0.10 ; 2 PLACES ± 0.03 ; 1 PLACE ± 0.01 ; ANGLES $\pm 2^\circ$. OTHER STANDARDS PER SCINTILLA SPEC 9-3800 AND MIL-STD 8.		CHECKED: <i>Manley</i>	DATE: 8-17-62		
MATERIAL SPEC		MATERIAL:			
PROCESS SPEC SEE SHEET 2		STANDARDS: <i>J. Balantera</i> 8-17-62	DRAFTING: <i>DeWitt</i> 8-17-62		
		ENGINEERING: <i>J. M. Harrison</i> 8-12-62	DEVELOPMENT:	CONNECTOR, ELECTRICAL PLUG, TYPE SC () MC	
				CODE IDENT NO.	SIZE
				77820	C
				10-260380 THRU 10-260399	
				SCALE NONE	WT SEE PARTS LIST

SEE SHEET 2.
NOTES: REF SYMBOL

REL NO. 31508-487																	REVISIONS			DATE	APPROVED		
CHG NO.																	SYM	DESCRIPTION					
																	A1 A2 A3 A4	SEE SHEET 1 FOR ALL CHANGES					
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 +0.016 -0.047	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				
10-260380-	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	.562	10-35910-101	.125	.000				
10-260381-	-10S-	10-37266-10	10-37265-10	-103	-103	-81	.6250-24 UNEF	.219	.027	.492				.812	.869		-101	.125	.000				
10-260382-	-10SL-	10-113488-11	SHELL ASSY	-123	-123	-81	.6250-24 UNEF	.312	.094	—				.906	.946		-121	.219	.010				
10-260383-	-12S-	10-37266-12	10-37265-12	-123	-123	-101	.7500-20 UNEF			.492					.995		-121						
10-260384-	-12-	-13	-13	-133	-123	-101	.7500-20 UNEF			.679		.719	2.718		.995	.812	-121						
10-260385-	-14S-	-14	-14	-143	-143	-121	.8750-20 UNEF	.438	.230	.492		.531	2.474	1.031	1.123	.562	-141	.312	.114				
10-260386-	-14-	-15	-15	-153	-143	-121	.8750-20 UNEF	.438	.230	.679		.719	2.718	1.031	1.123	.812	-121	.219	.020				
10-260387-	-16S-	-16	-16	-163	-163	-141	1.0000-20 UNEF	.531	.316	.492		.531	2.474	1.125	1.250	.562	-161	.438	.222				
10-260388-	-16-	-17	-17	-173	-163	-141	1.0000-20 UNEF	.531	.316	.679		.719	2.718	1.125	1.250	.812	-141	.312	.085				
10-260389-	-18-	-18	-18	-183	-183	-161	1.1250-18 UNEF	.625	.378				2.797	1.234	1.333		-181	.438	.200				
10-260390-	-20-	-20	-20	10-329290-203	-203	-181	1.2500-18 UNEF	.750	.445		8-32 NC		3.061	1.484	1.461		-201	.541	.270				
10-260391-	-22-	-22	-22	-223	-203	-201	1.3750-18 UNEF	.750	.445				3.311	1.484	1.588		-161	.438	.177				
10-260392-	-24-	-24	-24	-243	-243	-221	1.5000-18 UNEF	.938	.611				3.734	1.671	1.715		-241	.750	.433				
10-260393-	-28-	-28	-28	-283	-243	-241	1.7500-18 UNS	.938	.611				4.156	1.671	1.968		-201	.541	.260				
10-260394-	-32-	-32	-32	-323	-323	-281	2.0000-18 UNS	1.250	.922		2500-20 UNC		4.655	2.188	2.209		-161	.438	.186				
10-260395-	-36-	-36	-36	-363	-363	-321	2.2500-16 UN	1.375	.922				5.108	2.344	2.463		-241	.750	.358				
10-260396	-40-	-40	-40	-403	-403	-361	2.5000-16 UN	1.625	1.180				5.358	2.594	2.718		-401	1.250	.816				
10-260397	-44-	-44	-44	-443	-443	-401	2.7500-16 UN	1.875	1.427				5.875	2.812	3.084	1.063	-321	1.125	.719				
10-260398/99		NOT AVAILABLE																					

7. 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) 10-260380/99.

6. DIMENSION INDICATES FINAL INSTALLATION. FOR STORAGE & SHIPPING, CLAMP ASSY & ADAPTER ASSY MUST BE LOOSELY COUPLED.

5. FOR MATING RECEPTACLE ASSEMBLIES, SEE DRAWINGS 10-260360/79 & OTHERS.

4. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.

3. INSERTS & CONTACTS ARE REMOVABLE.

2. FOR CONTACT SIZE, SPACING & SERVICE RATING, SEE DRAWINGS AND 10425 THRU AND 10436. 8-11908/48.

1. DIMENSIONS MUST BE MAINTAINED WHEN INSERTS ARE PRESSED FIRMLY AGAINST INDICATED SHOULDER.

NOTES: REF SYMBOL 

10. ALL LOCKWIRE HOLES ARE .044 DIA MIN.

9. UNITS ILLUSTRATED MEET THE MATERIAL & FINISH REQUIREMENTS OF MIL-C-5015C.

8. INCREASE Z DIMENSION BY .312 FOR SIZE "O" CONTACTS FOR SHELL SIZE 8/40 & BY .062 FOR SHELL SIZE 44 ONLY.

ITEM NO.	QTY REQD	DESCRIPTION	PART NUMBER	CODE IDENT	ZONE
PARTS LIST					
UNLESS OTHERWISE SPECIFIED		DRAWN: A. HISCOTT		DATE: 8-8-62	
LINEAR DIMENSIONS ARE IN INCHES.		CHECKED: <i>Maxley</i>		DATE: 8-17-62	
TOLERANCES: 3 PLACES ±.010;		MATERIAL:			
2 PLACES ±.03; 1 PLACE ±.1;		STANDARDS: <i>Bulanten</i> 8-17-62			
ANGLES ±2°. OTHER STANDARDS PER SCINTILLA SPEC 9-3800 AND MIL-STD 8.		DRAFTING: <i>Osment</i> 8-17-62			
MATERIAL SPEC	PROCESS SPEC	ENGINEERING: <i>9/11/62</i> 8-17-62			
	ASSY	DEVELOPMENT:			
	TEST				
	9-3106-8				
	9-2811				
	9-2437				
TITLE:		SCINTILLA DIVISION			
THE <i>Bendix</i> CORPORATION		SIDNEY, NEW YORK, U.S.A.			
CONNECTOR, ELECTRICAL PLUG, TYPE SC () MC					
CODE IDENT NO.	SIZE	10-260380 THRU 10-260399			
77820	C				
SCALE NONE	WT	SEE PARTS LIST 10-214608/40			
SHEET 2					

TAB.

10-260380/99