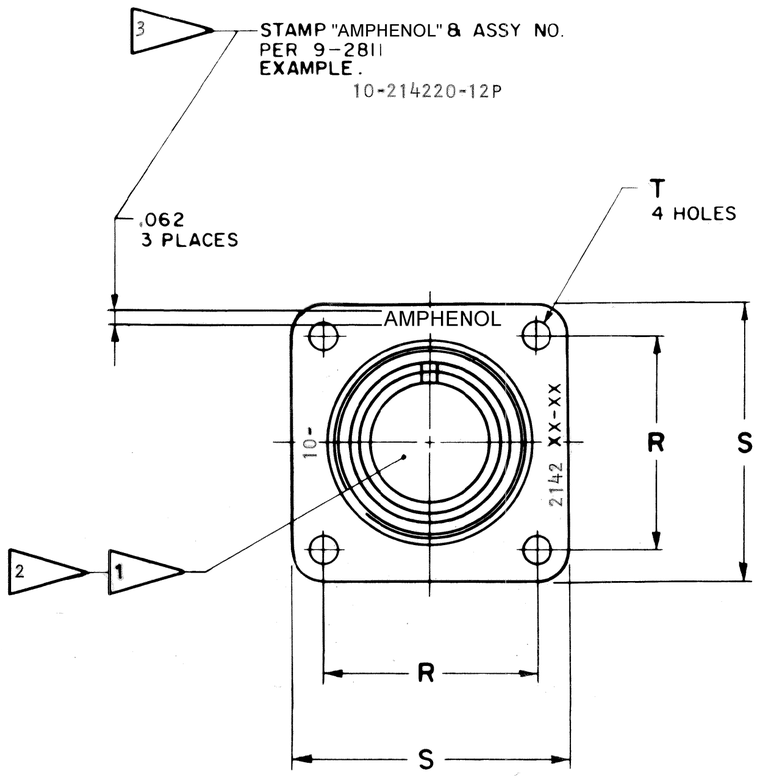
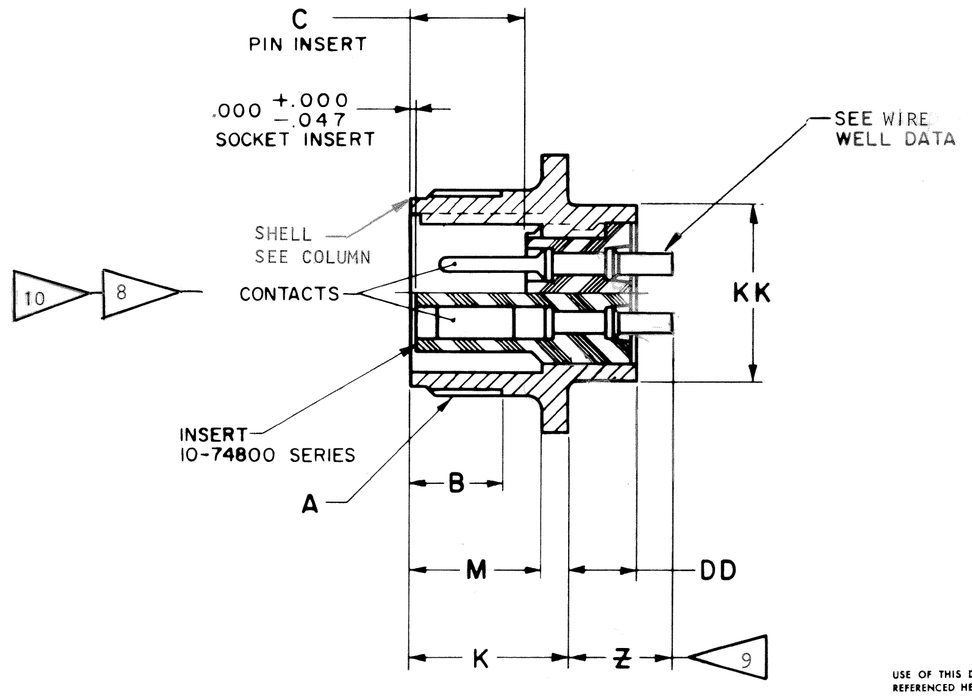
ACCESSORIES (NOT PART OF STANDARD ASSEMBLY)	
 FLANGE GASKET PLAIN 10-40450-(SHELL SIZE)	 FLANGE GASKET SHIELDING 10-40450-(SHELL SIZE)S

REL NO. 37508-263 REVISIONS				
CHG NO.	SYM	DESCRIPTION	DATE	APPROVED
47525-413	A1	(MFG); REDRAWN; SAME SIZE, ADDED THERMOCOUPLE DATA, SHELL SIZE 44, CONTACT SIZE 0 & 4 DATA, REVISED NOTES.	1-3-67 MATTICE	Harrison
A2805	B	(CLII) REPLACED 10-113239-16S WITH 10-597109-172 & CHANGED ALL REFERENCE OF BENDIX TO AMPHENOL	11/21/07 BROOKER	





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WIRE WELL DATA					
CONTACT SIZE	0	4	8	12	16
WELL DIA	.453 ±.005	.281 +.005 −.004	.179 +.004 −.002	.098 +.004 −.000	.063 +.004 −.000
WELL DEPTH +.031 −.000	.750	.500	.500	.250	.250

CONTACT DATA (WHERE APPLICABLE)	
THERMOCOUPLE	
MATERIAL	IDENTIFICATION
CHROMEL	WHITE
ALUMEL	GREEN
IRON	BLACK
CONSTANTAN	YELLOW

INSERT ARRANGEMENTS CONTAINING THERMOCOUPLE MUST HAVE SUCH CONTACTS ASSEMBLED AS SPECIFIED BY APPLICABLE DRAWINGS L-11908-( ) THRU L-11948-( )

ITEM NO.	QTY REQD	DESCRIPTION	PART NUMBER	CODE IDENT	ZONE

PARTS LIST — NEXT ASSEMBLY

SEE SHEET 2.

NOTES: REF SYMBOL

UNLESS OTHERWISE SPECIFIED
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.

MATERIAL SPEC	PROCESS SPEC
	SEE SHEET 2

DRAWN: R. HOTCHKIN DATE: 12-19-66
CHECKED: Pecora DATE: 2-20-67
MATERIAL:
STANDARDS: Balantis
DRAFTING:
ENGINEERING: W.M. Harrison
DEVELOPMENT: Robert Hotchkin

AMPHENOL CORPORATION
40-60 DELAWARE AVE.
SIDNEY, NY U.S.A.

TITLE:
CONNECTOR, ELECTRICAL RECEPTACLE, TYPE SC( )FB, SGPC, OLIVE DRAB

CODE IDENT NO.	SIZE	
77820	C	10-214208 THRU 10-214250

SCALE NONE | WT SEE PARTS LIST | REF 10-109208/40 | SHEET 1 OF 2

TAB.

10-214208/40

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ASSEMBLY NUMBER	AN. NO. REF	SHELL	A THREAD (PLATED) CLASS 2A	B MIN FULL THD	C ±.031	K +.020 −.010	M +.010 −.000	R ±.005	S	T DIA +.004 −.002	Z +.050 −.060	DD +.000 −.010	KK DIA +.010 −.000
10-214208-[ ]	3102-8S-[ ]	10-37262-8	.5000-28 UNEF	.391	.484	.672	.562	.594	.875	.120	.469	.297	.375
10-214210-[ ]	-10S-[ ]	-10	.6250-24 UNEF	↓	↓	↓	↓	.719	1.000	↓	↓	↓	.500
10-214211-[ ]	-10SL-[ ]	-11	.6250-24 UNEF	↓	↓	↓	↓	.719	1.000	↓	↓	↓	.625
10-214212-[ ]	-12S-[ ]	-12	.7500-20 UNEF	.450	↓	↓	↓	.812	1.094	↓	↓	↓	↓
10-214213-[ ]	-12-[ ]	-13	.7500-20 UNEF	.625	.672	.860	.750	.812	1.094	↓	.672	.484	↓
10-214214-[ ]	-14S-[ ]	-14	.8750-20 UNEF	.450	.484	.672	.562	.906	1.188	↓	.469	.297	.750
10-214215-[ ]	-14-[ ]	-15	.8750-20 UNEF	.625	.672	.860	.750	.906	1.188	↓	.672	.484	.750
10-214216-[ ]	-16S-[ ]	-16	1.0000-20UNEF	.450	.484	.672	.562	.969	1.281	↓	.469	.297	.875
10-214217-[ ]	-16-[ ]	-17	1.0000-20UNEF	.625	.672	.860	.750	.969	1.281	↓	.672	.484	.875
10-214218-[ ]	-18-[ ]	-18	1.1250-18UNEF	↓	↓	.891	↓	1.062	1.375	↓	.641	.453	1.000
10-214220-[ ]	-20-[ ]	-20	1.2500-18 UNEF	↓	↓	↓	↓	1.156	1.500	↓	↓	↓	1.125
10-214222-[ ]	-22-[ ]	-22	1.3750-18 UNEF	↓	↓	↓	↓	1.250	1.625	↓	↓	↓	1.250
10-214224-[ ]	-24-[ ]	-24	1.5000-18 UNEF	↓	↓	.953	.812	1.375	1.750	.147	.578	↓	1.375
10-214228-[ ]	-28-[ ]	-28	1.7500-18UNS	↓	↓	.953	.812	1.562	2.000	.147	.578	↓	1.625
10-214232-[ ]	-32-[ ]	-32	2.0000-18UNS	↓	↓	1.031	.875	1.750	2.250	.173	.500	.438	1.875
10-214236-[ ]	-36-[ ]	-36	2.2500-16 UN	↓	↓	↓	↓	1.938	2.500	↓	↓	↓	2.062
10-214240-[ ]	-40-[ ]	-40	2.5000-16 UN	↓	↓	↓	↓	2.188	2.750	↓	↓	↓	2.312
10-214244-[ ]	-44-	-44	2.7500-16 UN	↓	↓	1.063	↓	2.375	3.000	↓	.718	.546	2.594
10-214248/50	NOT AVAILABLE												

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REL NO. 37508-263 REVISIONS				
CHG NO.	SYM	DISCRIPTION	DATE	APPROVED
		SEE SHEET ONE FOR ALL CHANGES		

6. FOR COMPONENT PART NUMBERS OF DESIRED ARRANGEMENT, SEE APPLICABLE PARTS LIST.
5. 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 LISTS 10-214208/50.
4. FOR MATING PLUG ASSEMBLIES, SEE 10-214608 THRU 10-214650 & OTHERS.
3. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
2. INSERTS ARE NOT REMOVABLE.
1. FOR CONTACT SIZE, SPACING & SERVICE RATING, SEE DRAWINGS AND10425 THRU AND10437.

11. PACKAGE PER PRODUCTION PROCESS SHEET.
10. DRAWINGS ILLUSTRATES FINAL ASSEMBLY. CONTACTS ARE SHIPPED UNASSEMBLED.
9. FOR SIZE 4 & 8, CONTACTS INCREASE Z DIM BY .266 FOR SHELL SIZES 8 THRU 40 & BY .016 FOR SHELL SIZES 44 & 48. FOR SIZES "0" CONTACTS INCREASE Z DIM BY .507 FOR SHELL SIZES 8 THRU 40 BY .256 FOR SIZES 44 & 48.
8. FOR FINAL INSTALLATION, CONTACTS MUST BE ASSEMBLED IN ALL INSERT HOLES.
7. UNITS ILLUSTRATED MEET THE MATERIAL & FINISH REQUIREMENTS OF MIL-C-5015C.

NOTES: REF SYMBOL ◁

ITEM NO.	QTY REQD	DESCRIPTION	PART NUMBER	CODE IDENT	ZONE

PARTS LIST — NEXT ASSEMBLY

UNLESS OTHERWISE SPECIFIED
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

MATERIAL SPEC	PROCESS SPEC
	TEST 9-3106-5 ASSY 9-3104-1
	9-2437 9-2811

DRAWN: MATTICE DATE 1-3-67
CHECKED: Pecora DATE 2-20-67
MATERIAL
STANDARDS: Balantis
DRAFTING: D. Smith
ENGINEERING: H.M. Harrison
DEVELOPMENT: Robert Hotchkin

AMPHENOL CORPORATION
40-60 DELAWARE AVE.
SIDNEY, NY U.S.A.

TITLE:
CONNECTOR, ELECTRICAL RECEPTACLE, TYPE SC( )FB, SGPC, OLIVE DRAB

CODE IDENT NO.	SIZE		
77820	C	10-214208 THRU 10-214250	

SCALE NONE | WT SEE PARTS LIST | REF 10-109208/40 | SHEET 2

TAB.

10-214208/50

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