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so your equipment works exactly as you specify.

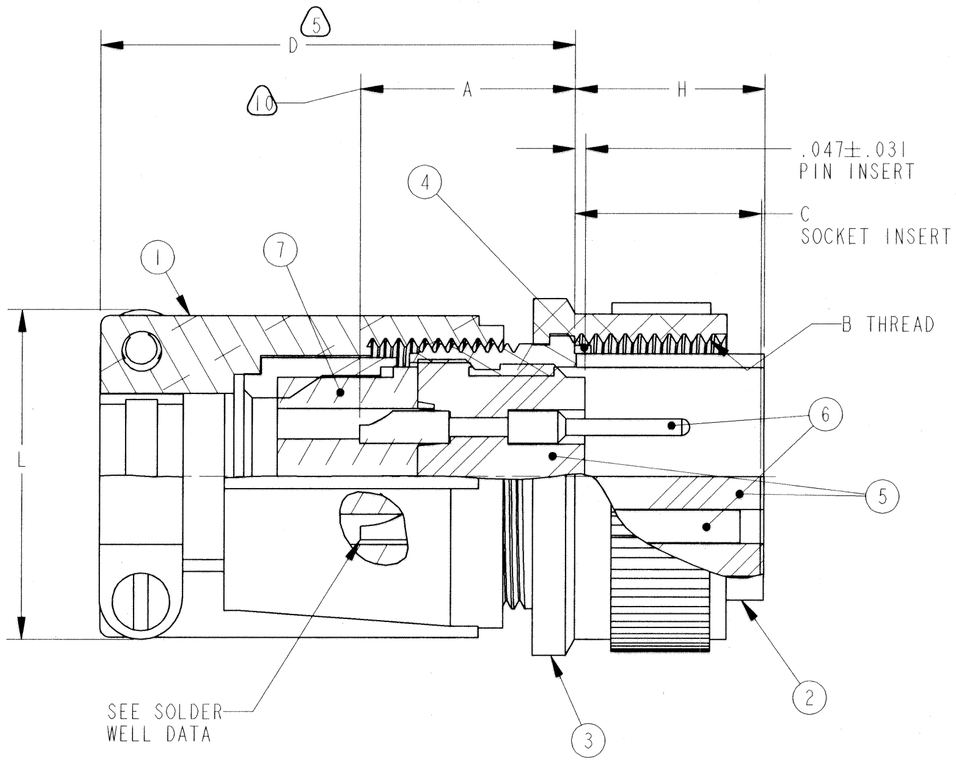
- Critical and expedited services
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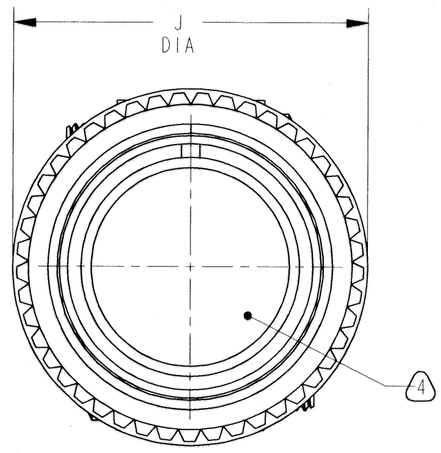
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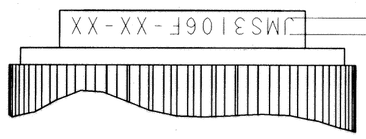
51536-58 REVISIONS			
LTR	DESCRIPTION	DATE	APPVD
C	(CL II) REDRAWN SAME SIZE SEE ECN: 84215		
D	(CL II) SEE ECN 91328	9/11/92	J Baldwin





6

.062
STAMP MS NUMBER, "AMPHENOL"
AND DATE CODE (9-3895)
OPPOSITE KEYWAY PER 9-2811
IN APPROXIMATE POSITION SHOWN
EXAMPLE:
JMS3106F-18-1P AMPHENOL 9829



1

CONTACT DATA(WHERE APPLICABLE)	
THERMOCOUPLE	
MATERIAL	IDENTIFICATION
CHROMEL ALUMEL IRON CONSTANTAN	WHITE GREEN BLACK YELLOW
INSERT ARRANGEMENTS CONTAINING THERMOCOUPLE CONTACTS MUST HAVE SUCH CONTACTS ASSEMBLED INTO THE INSERT IN PROPER LOCATIONS AS SPECIFIED BY APPLICABLE DRAWINGS MIL-STD-1651	

1

STANDARD SOLDER WELL DATA						THERMOCOUPLE	
CONTACT SIZE	0	4	8	12	16	12	16
WELL DIA	.469 +.005 -.003	.332 +.005 -.003	.209 +.004 -.002	.116 +.004 -.002	.078 +.004 -.002	.125 +.004 -.002	.094 +.004 -.002
WELL DEPTH +.031 -.000	.625	.625	.500	.375	.250	.250	.188

POS	QTY	PART NUMBER	DESCRIPTION	NOTE
7	1	SEE COLUMN	GROMMET	
6	AR	SEE NOTE	CONTACTS	
5	1	SEE COLUMN	INSERT	
4	1	10-035957-XX1	GASKET	
3	1	SEE COLUMN	COUPLING	
2	1	SEE COLUMN	SHELL	
1	1	SEE COLUMN	BACKSHELL KIT	

PARTS LIST

SEE SHEET 2.

NOTES:

UNLESS OTHERWISE SPECIFIED	SPECIFICATIONS
LINEAR DIMENSIONS ARE IN INCHES TOLERANCES: .XXXX = ±.0005 .XXX = ±.010 .XX = ±.03 .X = ±.1 ANGLES = ±2° OTHER STANDARDS PER 9-3800 AND DOD-D-1000 THIRD ANGLE PROJECTION	MATERIAL SPEC. N/A PROCESS SPEC. TEST 9-3106-5 ASSY 9-2437, 9-2811 9-3103-1, 9-3895

APPROVALS		DATE
PREPARED	WHITNEY	11-4-69
CHECKED	MENDEOLA	11/18/69
MATERIAL		
APPROVED	DS R.W. TYLER	11-6-69
APPROVED	WMHARRISON	11-19-69
PRO/ENG INFORMATION	10_474608_650.ASSEM 10_474608_650	

AMPHENOL CORPORATION
SIDNEY, N.Y. 13838

CONNECTOR,
ELECTRICAL PLUG,
TYPE 3106F

U

SIZE	FSCM NO.	DOCUMENT NO.	REV.
C	77820	10-474608/650	D

SCALE: NONE | REF: 10-329860/879 | SHEET 1 OF 2

STAMPING DATA	NEXT ASSEMBLY
	N/A
	N/A

FAMCODES | DATA3: ANS MNS | CICS: TBD

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ASSEMBLY NUMBER	MS NUMBER	INSERT (16)	GROMMET (16)	SHELL	COUPLING NUT	BACKSHELL KIT	A ±.045	B THREAD CLASS 2B (PLATED)	C +.047 -.000	D MAX	H MAX	J DIA MAX
10-474608-( )	3106F- 8S -( )	NOT AVAILABLE										
10-474610-( )	3106F-10S -( )	NOT AVAILABLE										
10-474611-( )	3106F-10SL-( )	10-074811-( )	10-060711-( )	10-37266-011	SHELL ASSY	10-584182-113	.562	.6250-24 UNEF	.531	2.129	.531	.946
10-474612-( )	3106F-12S -( )	10-074812-( )	10-060712-( )	10-37266-012	10-37265-12	10-584182-113	.562	.7500-20 UNEF	.531	2.129	.531	.995
10-474613-( )	3106F- 12 -( )	10-074813-( )	10-060713-( )	10-37266-013	10-37265-13	10-584182-113	.812	.7500-20 UNEF	.719	2.129	.719	.995
10-474614-( )	3106F-14S -( )	10-074814-( )	10-060714-( )	10-37266-014	10-37265-14	10-584185-143	.562	.8750-20 UNEF	.531	2.201	.531	1.123
10-474615-( )	3106F- 14 -( )	10-074815-( )	10-060715-( )	10-37266-015	10-37265-15	10-584185-143	.812	.8750-20 UNEF	.719	2.524	.719	1.123
10-474616-( )	3106F-16S -( )	10-074816-( )	10-060716-( )	10-37266-016	10-37265-16	10-584187-163	.562	1.0000-20 UNEF	.531	2.201	.531	1.250
10-474617-( )	3106F- 16 -( )	10-074817-( )	10-060717-( )	10-37266-017	10-37265-17	10-584188-173	.812	1.0000-20 UNEF	.719	2.524	.719	1.250
10-474618-( )	3106F- 18 -( )	10-074818-( )	10-060718-( )	10-37266-018	10-37265-18	10-584189-183	.812	1.1250-18 UNEF	.719	2.596	.719	1.333
10-474620-( )	3106F- 20 -( )	10-074820-( )	10-060720-( )	10-37266-020	10-37265-20	10-584190-203	.812	1.2500-18 UNEF	.719	2.654	.719	1.461
10-474622-( )	3106F- 22 -( )	10-074822-( )	10-060722-( )	10-37266-022	10-37265-22	10-584191-223	.812	1.3750-18 UNEF	.719	2.654	.719	1.588
10-474624-( )	3106F- 24 -( )	10-074824-( )	10-060724-( )	10-37266-024	10-37265-24	10-584192-243	.812	1.5000-18 UNEF	.719	2.885	.719	1.715
10-474628-( )	3106F- 28 -( )	10-074828-( )	10-060728-( )	10-37266-028	10-37265-28	10-584193-283	.812	1.7500-18 UNS	.719	2.885	.719	1.968
10-474632-( )	3106F- 32 -( )	10-074832-( )	10-060732-( )	10-37266-032	10-37265-32	10-584194-323	.812	2.0000-18 UNS	.719	2.943	.719	2.209
10-474636-( )	3106F- 36 -( )	10-074836-( )	10-060736-( )	10-37266-036	10-37265-36	10-584195-363	.812	2.2500-16 UN	.719	2.943	.719	2.463
10-474640-( )	3106F- 40 -( )	10-074840-( )	10-060740-( )	10-37266-040	10-37265-40	10-584196-403	.812	2.5000-16 UN	.719	3.068	.719	2.718
10-474641/50		NOT AVAILABLE										

(7)

10. INCREASE "A" DIMENSION BY .312 FOR SIZE "0" CONTACT ONLY.

9. SEE SEPARATE PARTS LIST FOR COMPONENT PART NUMBERS AND QUANTITIES.

8. ALL LOCKWIRE HOLES ARE .045 DIAMETER MINIMUM.

7. TO COMPLETE ASSEMBLY NUMBER AND MS NUMBER, ADD APLLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE. (FOR ALTERNATE ARRANGEMENTS, REFER TO 9-2437).

6. SEE WORK ORDER FOR PERMIISIBLE ADDITIONAL OR ALTERNATE STAMPING.

5. DIMENSION INDICATES FINAL INSTALLATION. FOR STORAGE AND SHIPPING,PARTS MAY BE UNASSEMBLED.

4. FOR CONTACT SIZE, SPACING AND SERVICE RATING SEE MIL-STD-1651.

3. ALL UNUSED GROMMET HOLES MUST BE FILLED WITH APPROPRIATE SIZE SEALING PLUGS.

2. DELETED

1. INDICATED THERMOCOUPLE CONTACT DATA IS APPLICABLE ONLY TO 10-474617-13P/S, 10-474618-15PS (AND THEIR ALTERNATE ARRANGEMENTS) WHICH ARE THE ONLY THERMOCOUPLE ARRANGEMENTS AVAILABLE IN THIS SERIES.

NOTES:

16. SOME INSERTS AND GROMMETS ARE TOOLED UNDER A +50 PART NUMBER. CONSULT PARTS LIST FOR VERIFICATION.

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

14. SHIP CONNECTOR WITH SEALING PLUGS UNASSEMBLED.

13. PACKAGE PER PRODUCTION PROCESS SHEET.

12. FOR MATING RECEPTACLE ASSEMBLIES, SEE DRAWING 10-474008 THROUGH 10-474050 AND OTHERS.

11. INSERTS AND CONTACTS ARE REMOVABLE.

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SIZE	FSCM NO.	DOCUMENT NO.	REV.
C	77820	10-474608/650	D
SCALE: NONE	REF: 10-329860/879	SHEET 2 OF 2	

SH 2 OF 2
DOC NO 10-474608/650

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