

8/29/89 16:21 * 89241 10:00 * PRELSE * 10-820040/059 E001

4

3

2

1

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
—	E	(CLII) ADDED NOTE 7 ECN:22391	08/29/89 BURNSIDE	<i>M.B.</i>
	F	(CLII) SEE CHANGE NOTICE ECN:28598	5-4-94 DEMATTED	<i>ged</i>
	G	(CLII) SEE ECN:82021	8/6/96 Gill	<i>ged</i>
	H	(CLII) CHANGE BLOCK CHANGE ONLY WAS SHELL 10-617703-XX3(NOSLOT) ECN:89330	7/19/09 A.B. <i>navy</i>	<i>ged</i>

A REF

B REF

A REF

B REF

D

4 PLACES

C REF

E REF

1

2

3

4

5

8

F

STAMP MS OR AMPHENOL ASSEMBLY
NUMBER ON THIS SURFACE.
CHARACTER HEIGHT .062 MINIMUM.

26

SEE SHEET 2.

NOTES:

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N/A

N/A

NEXT ASSEMBLY

UNLESS OTHERWISE SPECIFIED
LINEAR DIMENSIONS ARE IN
INCHES.
TOLERANCES: .XXX±.010,
.XX ±.03, .X ±.1,
ANGLES ±2°.
OTHER STANDARDS PER 9-3800
AND DOD-D-1000.
NOTE REF.= XX

FIND NO.

QTY REQD.

FSCM NO.

PART NUMBER

DESCRIPTION

NOTE REF.

5

SEE NOTE

SEE NOTE 1

RING, RETAINING

4

INSERT, REAR

3

INSERT, FRONT

2

CONTACTS

1

SHELL

SPECIFICATIONS

MATERIAL SPEC.

N/A

SIGNATURES

PREPARED
A. PRESCOTT

CHECKED
R. PHILPOTT

MATERIAL

DATES

11/6/87

11/8/87

PROCESS SPEC.

9-2437-33

APPROVED
J. BERNHARDT

APPROVED
N. HAYNER

1ST PART NO.

10-820050-01P

AMPHENOL CORPORATION
BENDIX CONNECTOR OPERATIONS
SIDNEY, N.Y.

CONNECTOR, ELECTRICAL RECEPTACLE
TYPE 97-3102A,
OLIVE DRAB CADMIUM PLATED

SIZE

C

FSCM NO.

77820

10-820040/059

REV.

H

SCALE

NONE

WT.

REF

N/A

SHEET

1 OF 2

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01250

TAB.

97-3102A

B

A

SCANNED

8/29/89 16:21 * 89241 15:02 * PRELSE * 10-820040/059 E002

D

C

B

A

D

C

B

A

4			3			2			1		
BENDIX ASSEMBLY NUMBER	AMPHENOL ASSEMBLY NUMBER	MS ASSEMBLY NUMBER	A	B	C	D DIA.	E DIA.	F THREAD			
10-820040-()	97-3102A- 8S -()	MS3102A- 8S -()	.875	.594	.938	.120	.438	.5000-28 UNEF-2A			
10-820041-()	-10S -()	-10S -()	1.000	.719	.938		.500	.6250-24 UNEF-2A			
10-820042-()	-10SL-()	-10SL-()	1.000	.719	.938		.688	.6250-24 UNEF-2A			
10-820043-()	-12S -()	-12S -()	1.094	.812	.961		.688	.7500-20 UNEF-2A			
10-820044-()	-12SL-()	-12SL-()	1.094	.812	.875		.688	.7500-20 UNEF-2A			
10-820045-()	-12 -()	-12 -()	1.094	.812	1.322		.688	.7500-20 UNEF-2A			
10-820046-()	-14S -()	-14S -()	1.188	.906	.944		.750	.8750-20 UNEF-2A			
10-820047-()	-14 -()	-14 -()	1.188	.906	1.322		.750	.8750-20 UNEF-2A			
10-820048-()	-16S -()	-16S -()	1.281	.969	.944		.875	1.0000-20 UNEF-2A			
10-820049-()	-16 -()	-16 -()	1.281	.969	1.353		.875	1.0000-20 UNEF-2A			
10-820050-()	-18 -()	-18 -()	1.375	1.063	1.353		1.000	1.1250-18 UNEF-2A			
10-820051-()	-20 -()	-20 -()	1.500	1.156	1.353		1.125	1.2500-18 UNEF-2A			
10-820052-()	-22 -()	-22 -()	1.625	1.250	1.353		2.250	1.3750-18 UNEF-2A			
10-820053-()	-24 -()	-24 -()	1.750	1.375	1.353	.147	1.375	1.5000-18 UNEF-2A			
10-820054-()	-28 -()	-28 -()	2.000	1.563	1.353	.147	1.625	1.7500-18 UNEF-2A			
10-820055-()	-32 -()	-32 -()	2.250	1.750	1.447	.173	1.906	2.0000-18 UNEF-2A			
10-820056-()	-36 -()	-36 -()	2.500	1.938	1.447		2.125	2.2500-16 UN-2A			
10-820057-()	-40 -()	-40 -()	2.750	2.188	1.447		2.375	2.5000-16 UN-2A			
10-820058-()	-44 -()	-44 -()	NOT AVAILABLE								
10-820059-()	-48 -()	-48 -()	NOT AVAILABLE								

TO COMPLETE, ADD APPLICABLE INSERT
ARRANGEMENT SUFFIX PER 9-2437-33.

6

8. ~~ALTERNATE STAMPING LOCATION WHEN
SPACE DOES NOT PERMIT STAMPING
ON INDICATED SURFACE.~~

7. IDENTIFY PACKAGE WITH APPLICABLE
MS OR 97- PART NUMBER PER NOTE 6.

6. FOR BENDIX INSERT ARRANGEMENT SUFFIX -1 THROUGH -49, STAMP
MS ASSEMBLY NUMBER. FOR BENDIX INSERT ARRANGEMENT SUFFIX
-50 THROUGH -99, AND -AA THROUGH -BC, STAMP AMPHENOL
ASSEMBLY NUMBER.

5. FOR CONTACT ARRANGEMENT, SEE MIL-STD-1651 AND L-22208-()
THROUGH L-22248-().

4. PACKAGE PER PRODUCTION PROCESS SHEET.

3. UNITS MEET THE APPLICABLE REQUIREMENTS OF MIL-C-5015.

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

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

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SCALE	WT.	REF
		SHEET
		2

TAB.

97-3102A

SCANNED

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