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REV. A	SHEET 1 OF 1	21-033450-051
REVISIONS		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	---

21-033450-051

SHEET 1 OF 1

REV. A

C

B

A

PARTIAL SECTION AA-AA

7. MATES WITH M38999 QUADRAX SOCKETS 21-033451-().

6. CRIMPING TOOLS:
 OUTER CONTACT- M22520/5-01 TOOL, DANIELS Y2039 DIE SET
 INNER CONTACTS- M22520/2-01 TOOL, DANIELS KI777 POSITIONER

5. TERMINATES QUADRAX CABLE HARBOUR DATA MASTER Q150-24(19)SS (150 OHM) OR EQUIVALENT.

4. DRAWING ILLUSTRATES FINAL ASSEMBLY. CONTACT COMPONENTS ARE SHIPPED UNASSEMBLED. INSTALLATION INSTRUCTIONS & HEATSHRINK (NOT ILLUSTRATED) ARE PACKAGED WITH EACH ASSEMBLY. PACKAGE PER PRODUCTION PROCESS SHEET.

3. MATERIALS:
 OUTER & INNER CONTACTS- BERYLLIUM COPPER PER ASTM-B-196
 SHIELD FERRULE- BRASS PER ASTM B453 OR QQ-B-626
 FRONT INSULATOR & SPACER INSULATOR- TFE RESIN PER ASTM 3651

2. FINISH:
 GOLD PLATED PER MIL-G-45204 TYPE II, GRADE C, CLASS I (.000050 MIN)
 OVER NICKEL PLATE PER QQ-N-290 (.000050 MIN).

1. CONTACTS MEET THE APPLICABLE ENVELOPE DIMENSIONAL REQUIREMENTS OF M39029/90.

NOTES:

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21-033450-051

SHEET 1 OF 1

REV. A

N/A

NEXT ASSEMBLY

PRO/ENGINEER INFORMATION

Pro/e Model Used:
 21-033450-051.ASSEM
 Drawing Name:
 21-033450-051

UNLESS OTHERWISE SPECIFIED

SPECIFICATIONS

LINEAR DIMENSIONS ARE IN INCHES
 TOLERANCES:
 .XXXX = ±.0005 ANGLES= ±2°
 .XXX = ±.010
 .XX = ±.03
 .X = ±.1

DIM. & TOL. PER ASME Y14.5M;
 DRM PER MIL-DTL-31000;
 OTHER Amphenol Stds. PER 9-3800

LEGENDS:
 =FLAG NOTE CALL OUT
 REFERENCE ONLY

MATERIAL SPEC.

N/A

PROCESS SPEC.

N/A

POS	QTY	PART NUMBER	DESCRIPTION	NOTE
8	1	L-2119-DV	INSTALLATION INSTRUCTIONS	4
7	1.5"	M23053/8-007-C	HEATSHRINK	4
6	1	21-033450-056	SHIELD FERRULE	
5	1	21-033450-058	SHIELD EXTENSION	
4	1	21-033450-054	OUTER CONTACT	
3	1	21-033450-053	FRONT INSULATOR	
2	2	21-033450-055	REAR INSULATOR	
1	4	21-033470-002	INNER CONTACT	

PARTS LIST

AMPHENOL CORPORATION
 40-60 DELAWARE AVENUE
 SIDNEY, N.Y. 13858

**CONTACT, PIN, QUADRAX,
 ELECTRICAL CONNECTOR,
 TYPE M38999 I & III**

APPROVALS		DATE
PREPARED BY	J. BORDEAU	
ENGINEER IN CHARGE	D. PHILLIPS	19-Mar-12
DESIGN MANAGER	E. HICKEY	
DESIGN ACTIVITY GROUP	C-1	

THIRD ANGLE PROJECTION

SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	21-033450-051	A

SCALE: 8.0 REF. L-40456-597 SHEET 1 OF 1

Eng. PDM Information
 For Reference Only

SHEET 1 OF 1

21-033450-051

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