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REV. C	SHEET 1 OF 1	DOCUMENT NO. 21-033470-001
REVISIONS		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	2010-Aug-31
B	(CL I), SEE CHANGE NOTICE. ECN: B0546-0000	2/14/2011
C	(CL II) SEE ECN B1031	-----

PARTIAL SECTION DD-DD

MATING FACE VIEW
SCALE 5.000

7. MATES WITH M38999 QUADRAX SOCKETS 21-033471-().

6. CRIMPING TOOLS:
 OUTER CONTACT- M22520/5-01 TOOL, DANIELS Y1999 OR M22520/5-45 DIE SET (HEX CLOSURE A)
 INNER CONTACTS- M22520/2-01 TOOL, DANIELS K1777 POSITIONER

5. TERMINATES QUADRAX CABLE THERMAX 1536-224 (100 OHM) OR EQUIVALENT.

4. DRAWING ILLUSTRATES FINAL ASSEMBLY. CONTACT COMPONENTS ARE SHIPPED UNASSEMBLED. INSTALLATION INSTRUCTIONS & PIGGYBACK GROMMET SEAL (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
 INSULATORS & RETAINER- POLYETHERIMIDE

2. FINISH:
 GOLD PLATED PER ASTM B488, TYPE II, CODE C, CLASS 1.27 (.000050 MIN)
 OVER NICKEL PLATE PER AMS-QQ-N-290 (.000050 MIN).

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

NOTES:

THE USE OF THIS DOCUMENT IS UNLIMITED. HOWEVER, DOCUMENTS REFERENCED HEREON MAY CONTAIN LIMITED RIGHTS DATA.

N/A

NEXT ASSEMBLY

PRO/ENGINEER INFORMATION

Pro/e Model Used:
 21-033470-001.ASSEM
 Drawing Name:
 21-033470-001

UNLESS OTHERWISE SPECIFIED

SPECIFICATIONS

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

MATERIAL SPEC.

N/A

PROCESS SPEC.

N/A

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

LEGENDS:
 =FLAG NOTE CALL OUT REFERENCE ONLY

POS	QTY	PART NUMBER	DESCRIPTION	NOTE
6	1	L-2119-CV	INSTALLATION INSTRUCTIONS	4
5	1	21-033321-030	PIGGYBACK GROMMET SEAL	4
4	1	21-033384-116	SHIELD FERRULE	
3	1	21-033384-044	OUTER CONTACT	
2	4	21-033470-002	INNER CONTACT	
1	1	21-033470-009	INSULATOR ASSEMBLY	

PARTS LIST

AMPHENOL CORPORATION

40-60 DELAWARE AVENUE
SIDNEY, NY 13858CONTACT, PIN, QUADRAX,
ELECTRICAL CONNECTOR,
TYPE D38999 I & III

APPROVALS	DATE
PREPARED BY D. PHILLIPS	
ENGINEER IN CHARGE D. PHILLIPS	19-Mar-10
DESIGN MANAGER R. SELFRIDGE	
DESIGN ACTIVITY GROUP MIL-AERO DEVELOP	

THIRD ANGLE PROJECTION

SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	21-033470-001	C

SCALE: 7.5 REF. 21-033384-051 SHEET 1 OF 1

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