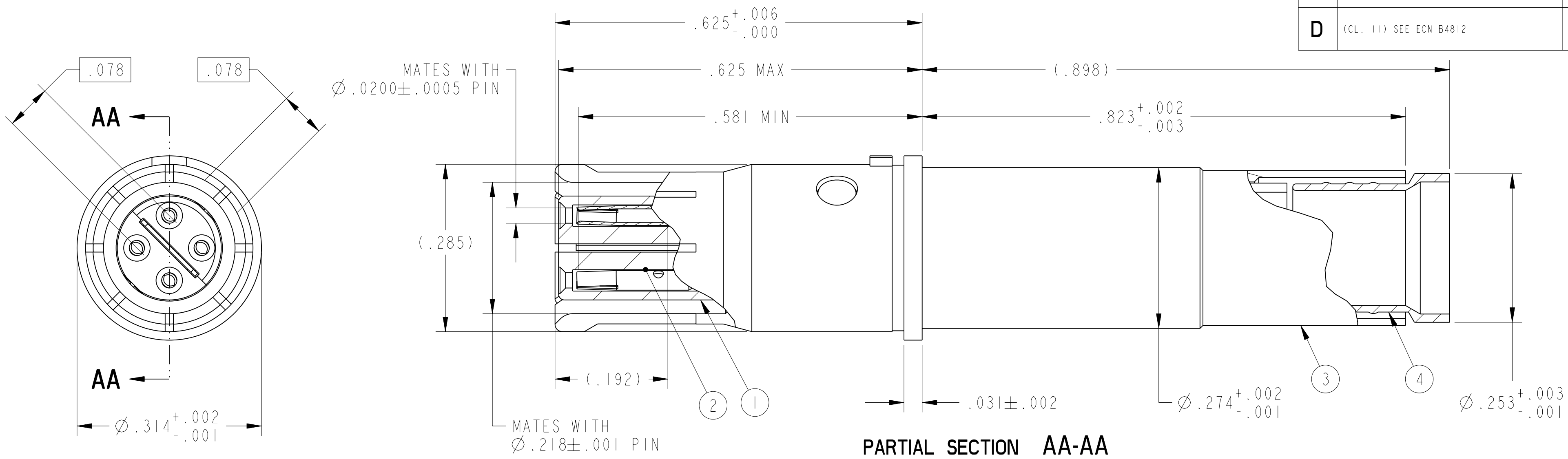


| | | | | | |
|-----------|---|--------------|--|---------------|--|
| D | | SHEET 1 OF 1 | | 21-033471-001 | |
| REVISIONS | | | | | |
| LTR | DESCRIPTION | DATE | | | |
| A | INITIAL RELEASE | 31-Aug-2010 | | | |
| B | CL (1). SEE CHANGE NOTICE. ECN: B0542-0000 | 2/14/2011 | | | |
| C | (CL II) SEE ECN B1032 | 03/20/2012 | | | |
| D | (CL. II) SEE ECN B4812 | --- | | | |



- MATES WITH D38999 QUADRAX PINS 21-033470-().
- 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
- TERMINATES QUADRAX CABLE THERMAX 1536-224 (100 OHM) OR EQUIVALENT.
- 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.
- MATERIALS:
OUTER & INNER CONTACTS- BERYLLIUM COPPER PER ASTM-B-196
SHIELD FERRULE- BRASS PER ASTM B453 OR QQ-B-626
INSULATORS & RETAINERS- POLYETHERIMIDE
- 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).
- CONTACTS MEET THE ENVELOPE DIMENSIONAL REQUIREMENTS OF M39029/91.

NOTES:

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

| | |
|--------------------------|---------------------|
| PRO/ENGINEER INFORMATION | |
| Pro/e Model Used: | 21-033471-001.ASSEM |
| Drawing Name: | 21-033471-001 |
| N/A | NEXT ASSEMBLY |

| | |
|--|-----------------------|
| UNLESS OTHERWISE SPECIFIED | SPECIFICATIONS |
| LINEAR DIMENSIONS ARE IN INCHES TOLERANCES: .XXXX = ±.0005 ANGLES= ±2° .XXX = ±.010 .XX = ±.03 .X = ±.1 | MATERIAL SPEC. N/A |
| DIM. & TOL. PER ASME Y14.5M; DRM PER MIL-DTL-31000; OTHER Amphenol Stds. PER 9-3800 | PROCESS SPEC. N/A |
| 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 | 21-033385-044 | OUTER CONTACT | |
| 2 | 4 | 21-033471-002 | INNER CONTACT | |
| 1 | 1 | 21-033471-079 | INSULATOR ASSEMBLY | |

| | | | | | |
|------------------------|------------------|--------------------|--|--------------|---------------|
| APPROVALS | | DATE | PARTS LIST | | |
| PREPARED BY | D. PHILLIPS | 19-Mar-10 | AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, NY 13858 | | |
| ENGINEER IN CHARGE | D. PHILLIPS | | CONTACT, SOCKET, QUADRAX, ELECTRICAL CONNECTOR, TYPE D38999 I & III | | |
| DESIGN MANAGER | R. SELFRIDGE | | SIZE | CAGE CODE | DOCUMENT NO. |
| DESIGN ACTIVITY GROUP | MIL-AERO DEVELOP | | C | 77820 | 21-033471-001 |
| THIRD ANGLE PROJECTION | | | REV. | D | |
| SCALE: 7.5 | | REF. 21-033385-051 | | SHEET 1 OF 1 | |

DOCUMENT NO. 21-033471-001
 SHEET 1 OF 1
 REV. D
 C
 B
 A

VERSION I
 REVISION D
 RELEASE STATE Released
 SHEET 1 OF 1
 DOCUMENT NO. 21-033471-001