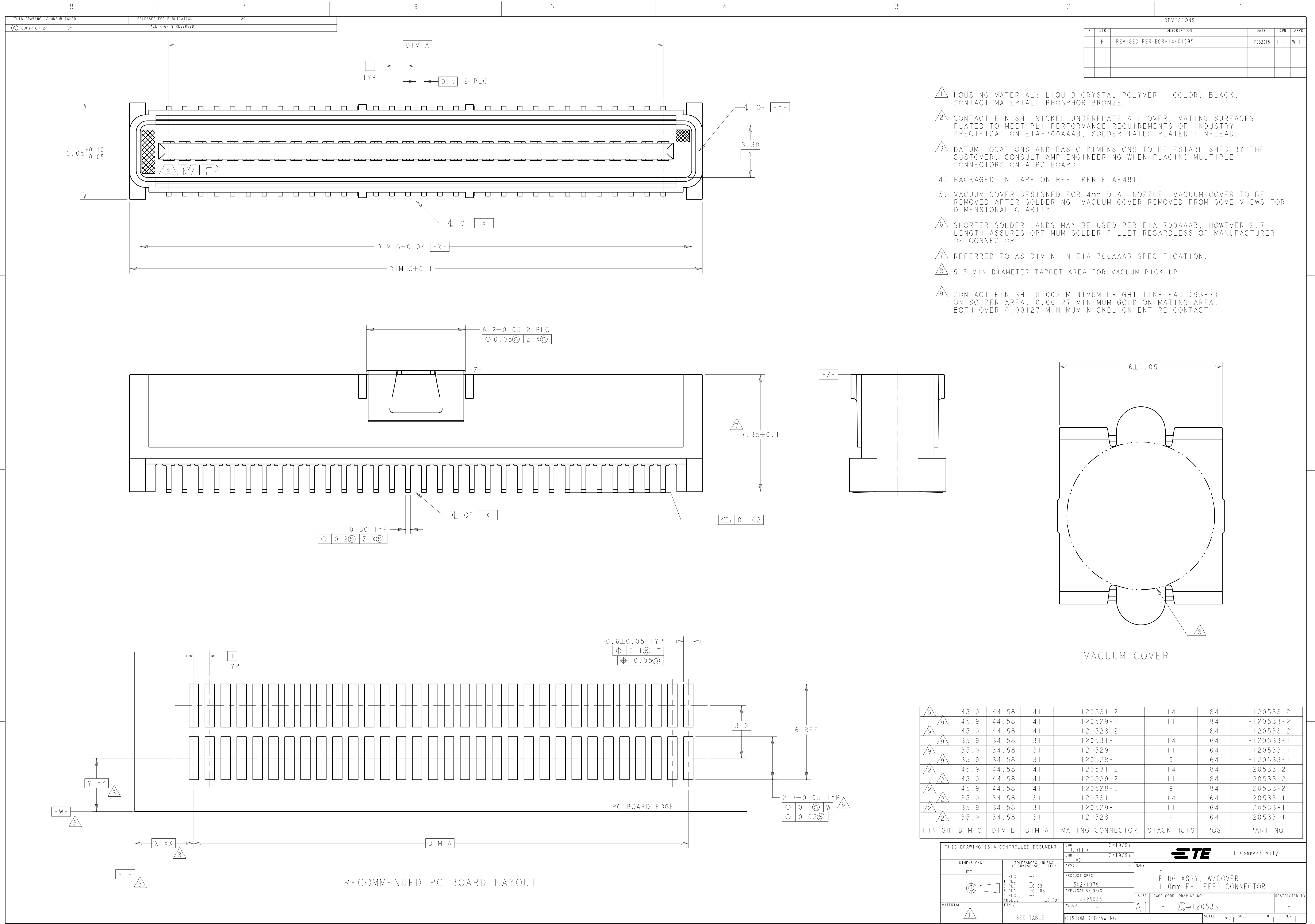




| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | H   | REVISED PER ECR-14-016951 | 11FEB2015 | I.T | W.H  |
|           |     |                           |           |     |      |
|           |     |                           |           |     |      |

- 1 HOUSING MATERIAL: LIQUID CRYSTAL POLYMER COLOR: BLACK.  
CONTACT MATERIAL: PHOSPHOR BRONZE.
- 2 CONTACT FINISH: NICKEL UNDERPLATE ALL OVER, MATING SURFACES  
PLATED TO MEET PLI PERFORMANCE REQUIREMENTS OF INDUSTRY  
SPECIFICATION EIA-700AAAB, SOLDER TAILS PLATED TIN-LEAD.
- 3 DATUM LOCATIONS AND BASIC DIMENSIONS TO BE ESTABLISHED BY THE  
CUSTOMER. CONSULT AMP ENGINEERING WHEN PLACING MULTIPLE  
CONNECTORS ON A PC BOARD.
4. PACKAGED IN TAPE ON REEL PER EIA-481.
5. VACUUM COVER DESIGNED FOR 4mm DIA. NOZZLE. VACUUM COVER TO BE  
REMOVED AFTER SOLDERING. VACUUM COVER REMOVED FROM SOME VIEWS FOR  
DIMENSIONAL CLARITY.
- 6 SHORTER SOLDER LANDS MAY BE USED PER EIA 700AAAB, HOWEVER 2.7  
LENGTH ASSURES OPTIMUM SOLDER FILLET REGARDLESS OF MANUFACTURER  
OF CONNECTOR.
- 7 REFERRED TO AS DIM N IN EIA 700AAAB SPECIFICATION.
- 8 5.5 MIN DIAMETER TARGET AREA FOR VACUUM PICK-UP.
- 9 CONTACT FINISH: 0.002 MINIMUM BRIGHT TIN-LEAD (93-7)  
ON SOLDER AREA, 0.00127 MINIMUM GOLD ON MATING AREA,  
BOTH OVER 0.00127 MINIMUM NICKEL ON ENTIRE CONTACT.

|        |       |       |       |                  |            |     |            |
|--------|-------|-------|-------|------------------|------------|-----|------------|
| 9      | 45.9  | 44.58 | 41    | 120531-2         | 14         | 84  | 1-120533-2 |
| 9      | 45.9  | 44.58 | 41    | 120529-2         | 11         | 84  | 1-120533-2 |
| 9      | 45.9  | 44.58 | 41    | 120528-2         | 9          | 84  | 1-120533-2 |
| 9      | 35.9  | 34.58 | 31    | 120531-1         | 14         | 64  | 1-120533-1 |
| 9      | 35.9  | 34.58 | 31    | 120529-1         | 11         | 64  | 1-120533-1 |
| 9      | 35.9  | 34.58 | 31    | 120528-1         | 9          | 64  | 1-120533-1 |
| 2      | 45.9  | 44.58 | 41    | 120531-2         | 14         | 84  | 120533-2   |
| 2      | 45.9  | 44.58 | 41    | 120529-2         | 11         | 84  | 120533-2   |
| 2      | 45.9  | 44.58 | 41    | 120528-2         | 9          | 84  | 120533-2   |
| 2      | 35.9  | 34.58 | 31    | 120531-1         | 14         | 64  | 120533-1   |
| 2      | 35.9  | 34.58 | 31    | 120529-1         | 11         | 64  | 120533-1   |
| 2      | 35.9  | 34.58 | 31    | 120528-1         | 9          | 64  | 120533-1   |
| FINISH | DIM C | DIM B | DIM A | MATING CONNECTOR | STACK HGTS | POS | PART NO    |

|                                                                                       |  |                                        |      |                  |         |                                                                                                       |  |           |            |               |          |
|---------------------------------------------------------------------------------------|--|----------------------------------------|------|------------------|---------|-------------------------------------------------------------------------------------------------------|--|-----------|------------|---------------|----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |                                        | DWN  | J. REED          | 2/19/97 |  TE Connectivity |  |           |            |               |          |
|                                                                                       |  |                                        | CHK  | L.V.O            | 2/19/97 |                                                                                                       |  |           |            |               |          |
|                                                                                       |  |                                        | APVD | -                | -       |                                                                                                       |  |           |            |               |          |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |      | PRODUCT SPEC     |         | NAME<br>-<br>PLUG ASSY, W/COVER<br>1.0mm FH(IEEE) CONNECTOR                                           |  |           |            |               |          |
| mm                                                                                    |  |                                        |      | 502-1079         |         |                                                                                                       |  |           |            |               |          |
|                                                                                       |  |                                        |      | APPLICATION SPEC |         |                                                                                                       |  |           |            |               |          |
|                                                                                       |  |                                        |      | 114-25045        |         | SIZE                                                                                                  |  | CAGE CODE | DRAWING NO | RESTRICTED TO |          |
|                                                                                       |  |                                        |      | WEIGHT           |         | A1                                                                                                    |  |           |            |               | C=120533 |
|                                                                                       |  |                                        |      |                  |         |                                                                                                       |  |           |            |               |          |
| MATERIAL                                                                              |  | FINISH                                 |      | CUSTOMER DRAWING |         | SCALE                                                                                                 |  | SHEET     |            | OF            | REV      |
|  |  |                                        |      |                  |         | 17:1                                                                                                  |  | 1         |            |               | H        |
|                                                                                       |  | SEE TABLE                              |      |                  |         |                                                                                                       |  |           |            |               |          |

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