



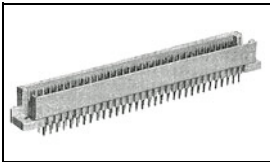
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5650470-5 Product Details

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5650470-5

TE Internal Number: 5650470-5
 Active

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Eurocard Type R

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector Style = Plug
- 96 Positions
- PCB Mounting Orientation = Vertical
- Without PCB Mount Retention
- Post Type = Solder Post

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| Documentation & Additional Information | |
|--|--|
| <p>Product Drawings:</p> <ul style="list-style-type: none">• ASSEMBLY, PIN, EUROCARD, TYPE R, 96 POSITION 4.57[.1... (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none">• None Available <p>Product Specifications:</p> <ul style="list-style-type: none">• None Available <p>Application Specifications:</p> <ul style="list-style-type: none">• Eurocard Connectors Types B,C,M,Q,R, & Enhanced Typ... (PDF, English) <p>Instruction Sheets:</p> <ul style="list-style-type: none">• None Available <p>CAD Files: (CAD Format & Compression Information)</p> <ul style="list-style-type: none">• 2D Drawing (DXF, Version O)• 3D Model (IGES, Version O)• 3D Model (STEP, Version O) | <p>Additional Information:</p> <ul style="list-style-type: none">• Product Line Information <p>Related Products:</p> <ul style="list-style-type: none">• Tooling• Mating Products (5) |
| List all Documents | |

| Product Features (Please use the Product Drawing for all design activity) | |
|--|--|
| <p>Product Type Features:</p> <ul style="list-style-type: none">• PCB Mounting Orientation = Vertical• PCB Mount Retention = Without• Post Type = Solder Post• Guides = Without• Make First / Break Last = No• DIN Level = II• Flux-Tight Coating = Without• Color = Gray <p>Termination Features:</p> <ul style="list-style-type: none">• Termination Post Length (mm [in]) = 4.57 [0.180]• Solder Tail Contact Plating = Tin <p>Contact Features:</p> <ul style="list-style-type: none">• Contact Cross Section (mm [in]) = 0.64 [.025] Sq.• Contact Base Material = Copper Alloy• Contact Plating, Mating Area, Material = DIN 41612 Class 2 | <p>Housing Features:</p> <ul style="list-style-type: none">• Connector Style = Plug• Mating Alignment = Without• Housing Material = Polymer• UL Flammability Rating = UL 94V-0 <p>Configuration Features:</p> <ul style="list-style-type: none">• Number of Positions = 96• Rows Loaded = A, B, C <p>Industry Standards:</p> <ul style="list-style-type: none">• RoHS/ELV Compliance = RoHS compliant, ELV compliant• Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C• RoHS/ELV Compliance History = Always was RoHS compliant <p>Other:</p> <ul style="list-style-type: none">• Brand = AMP |

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D

C

B

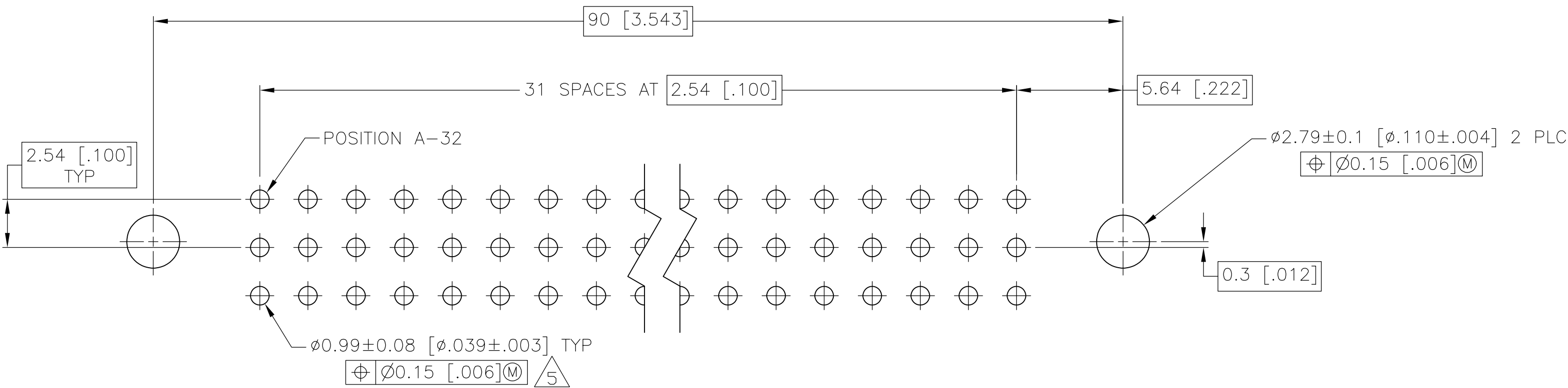
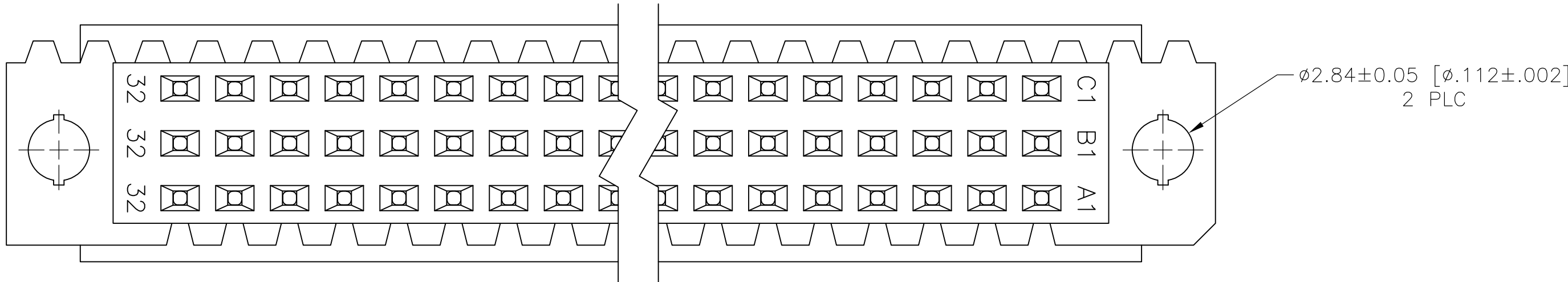
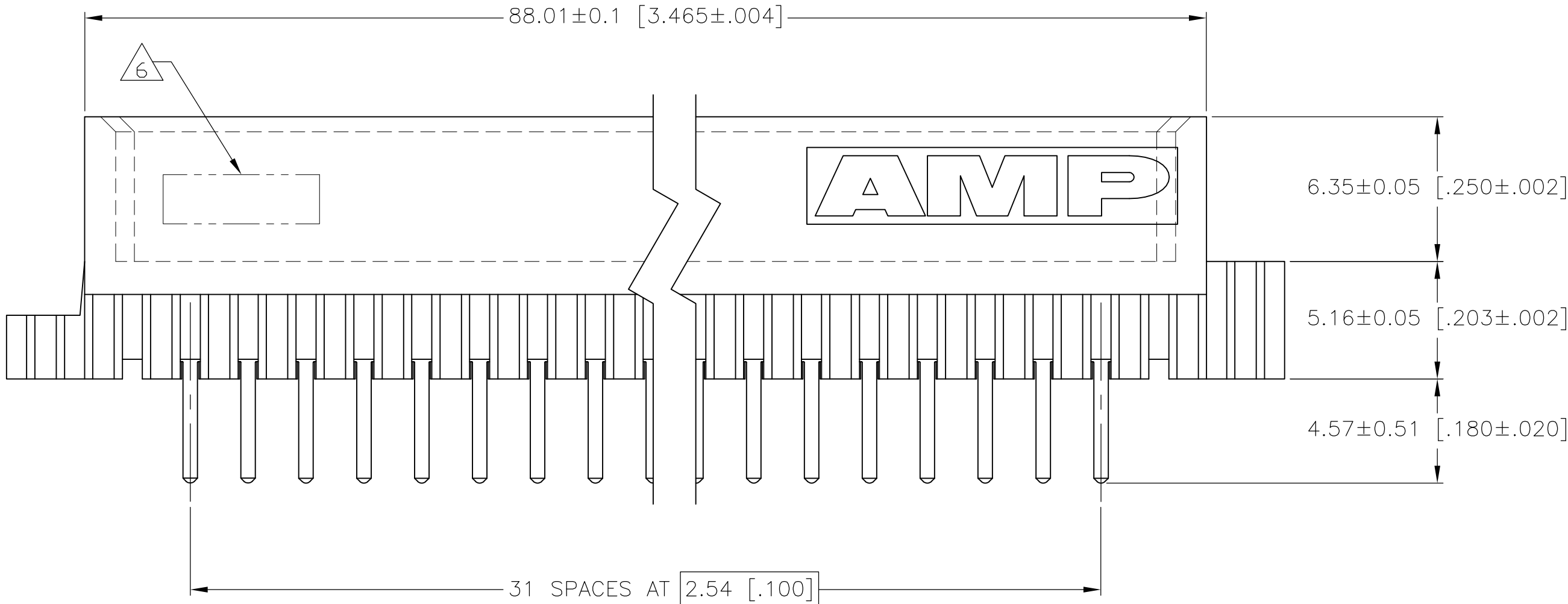
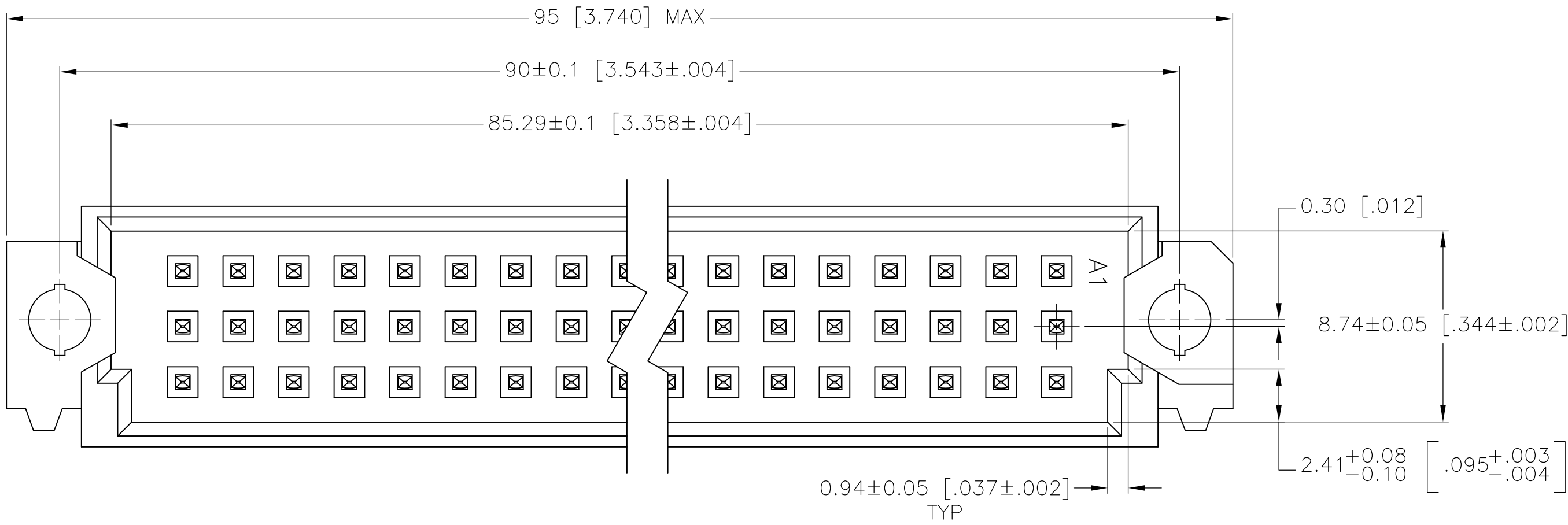
A

D

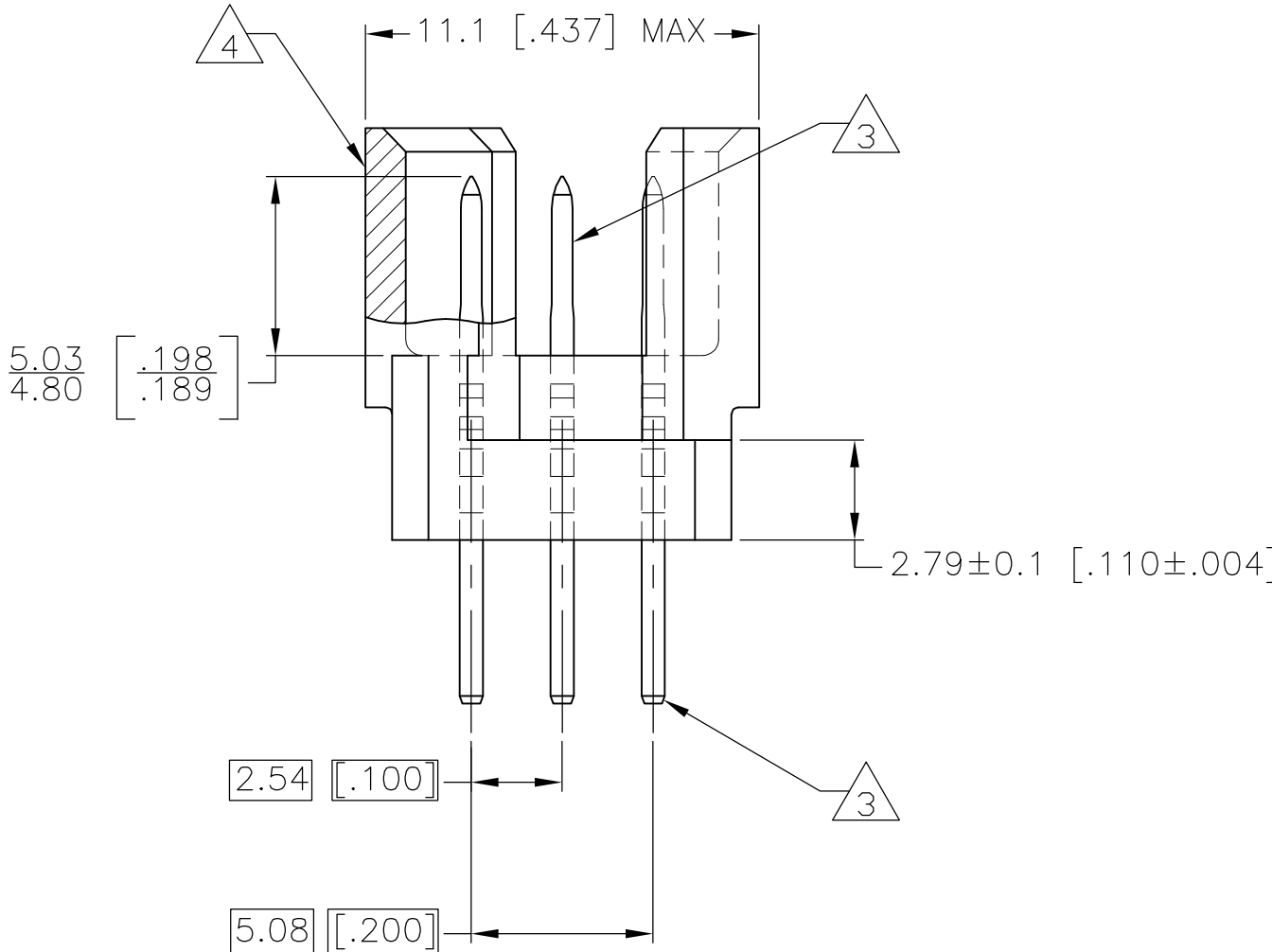
C

B

A



- 1 HOUSING MATERIAL: GLASS-FILLED POLYMER.
- 2 POST MATERIAL: COPPER ALLOY.
- 3 POST FINISH: DIN 41612 CLASS 2 IN CONTACT AREA. TIN PLATE ON POSTS.
- 4 MARKING ON THIS SIDE.
- 5 RECOMMENDED HOLE SIZE FOR MANUAL APPLICATION OF CONNECTOR ONTO PC BOARD.
- 6 PART NUMBER, DATE CODE MARKED THIS APPROXIMATE AREA.



| | | | | | |
|------------------|-------------|---|---|------------------------|------------------|
| 1-32 | X | X | X | 96 | 5650470-5 |
| POSITIONS LOADED | C | B | A | NO OF LOADED POSITIONS | ASSY PART NUMBER |
| | ROWS LOADED | | | | |

| | | | | | |
|--|--|---------------------|---------|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN J. POLIGNONE | OSMAYOS | Tyco Electronics Corporation Harrisburg, PA 17105-3608 | |
| DIMENSIONS: mm [INCHES] | | CHK A. SHARPE | OSMAYOS | NAME ASSEMBLY, PIN, EUROCARD, TYPE R, 96 POSITION 4.57[.180] SOLDER POST | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD A. SHARPE | OSMAYOS | RESTRICTED TO | |
| 0 PLC ± - | | APPLICATION SPEC | | SIZE A1 | |
| 1 PLC ± - | | WEIGHT | | CAGE CODE 00779 | |
| 2 PLC ± 0.13 [.005] | | CUSTOMER DRAWING | | SCALE 5:1 | |
| 3 PLC ± - | | SHEET 1 OF 1 | | REV Q1 | |
| 4 PLC ± - | | | | | |
| ANGLES ± - | | | | | |
| FINISH | | | | | |