



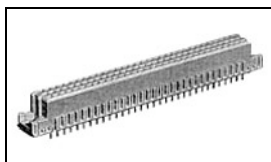
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## 5535090-5 Product Details

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**5535090-5**

TE Internal Number: 5535090-5

Active

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### Eurocard Type C

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Eurocard Product Line
- Product Series = Type C
- Connector Assembly
- Connector Style = Receptacle
- Board-to-Board

[View all Features](#)

### Quick Links

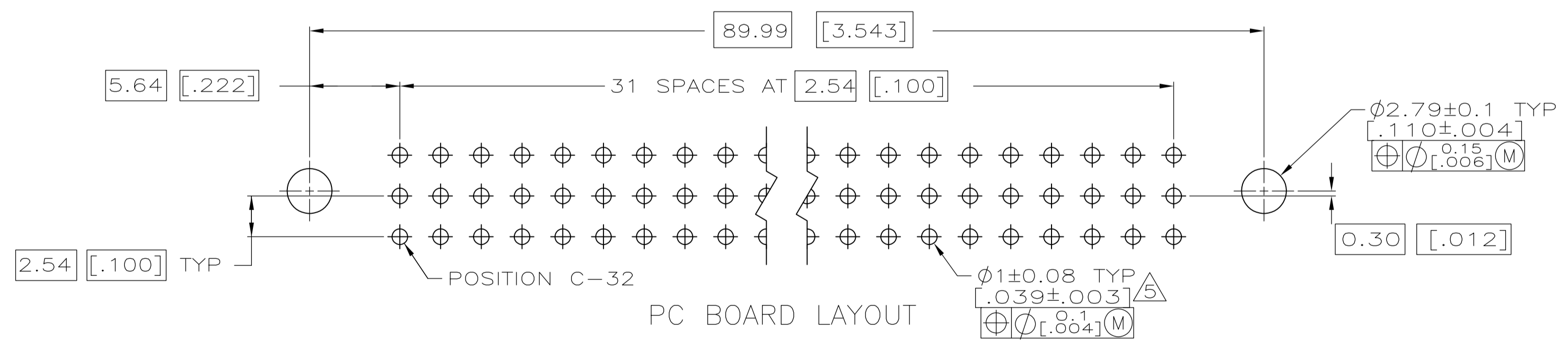
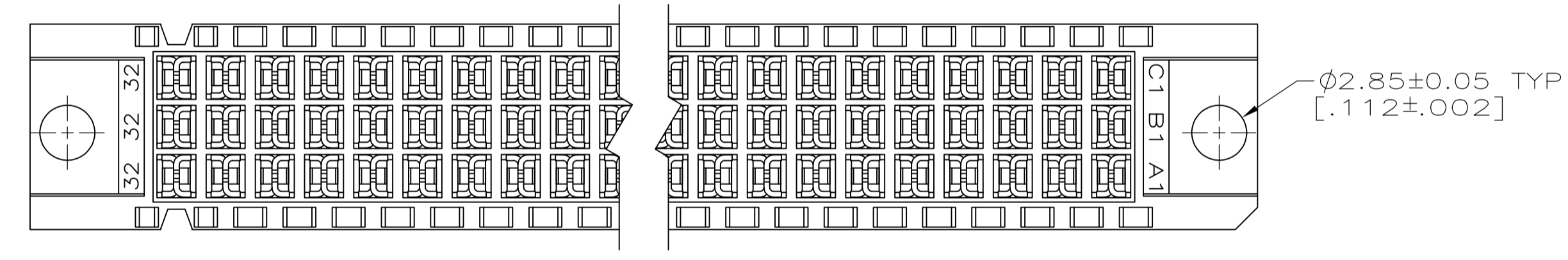
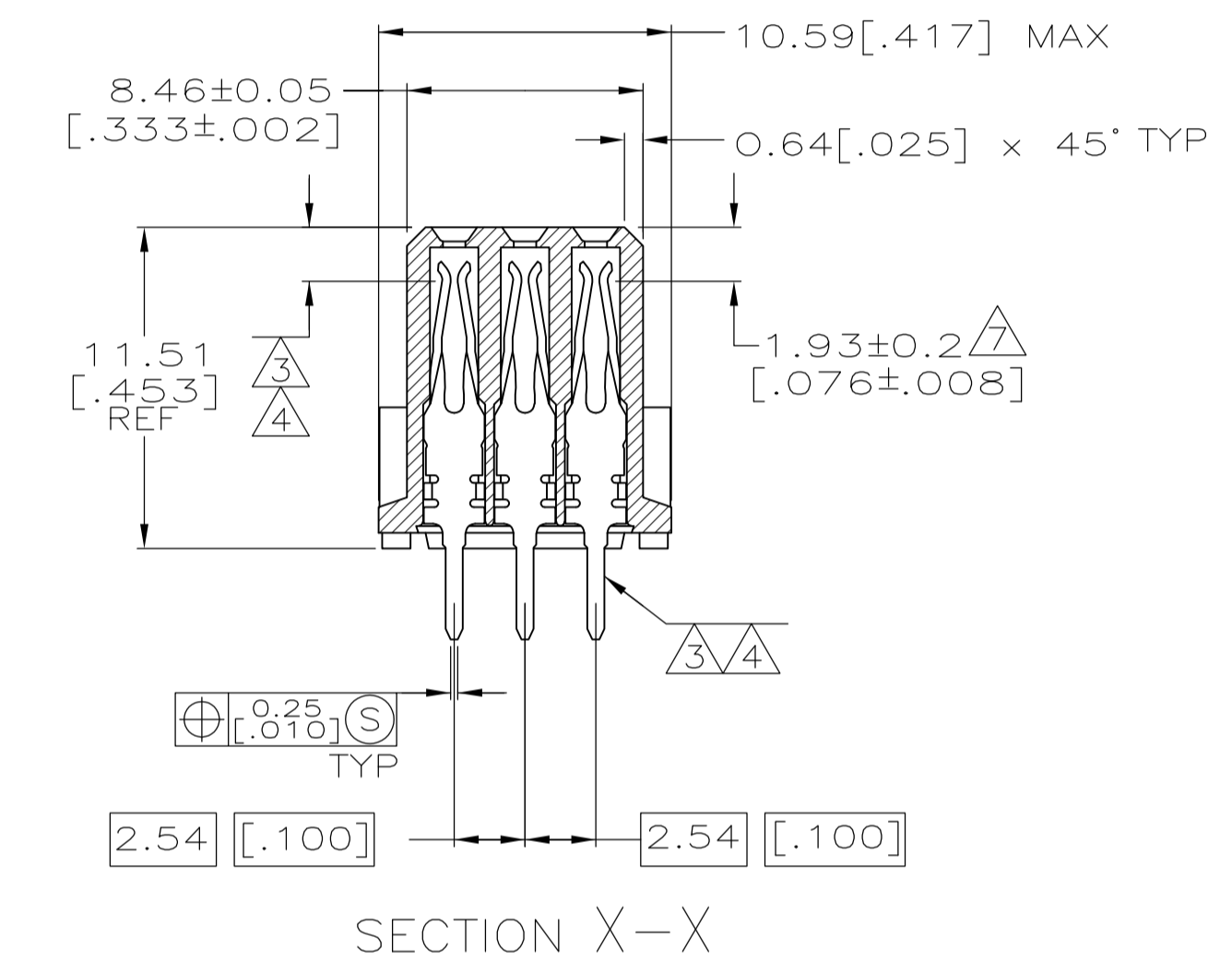
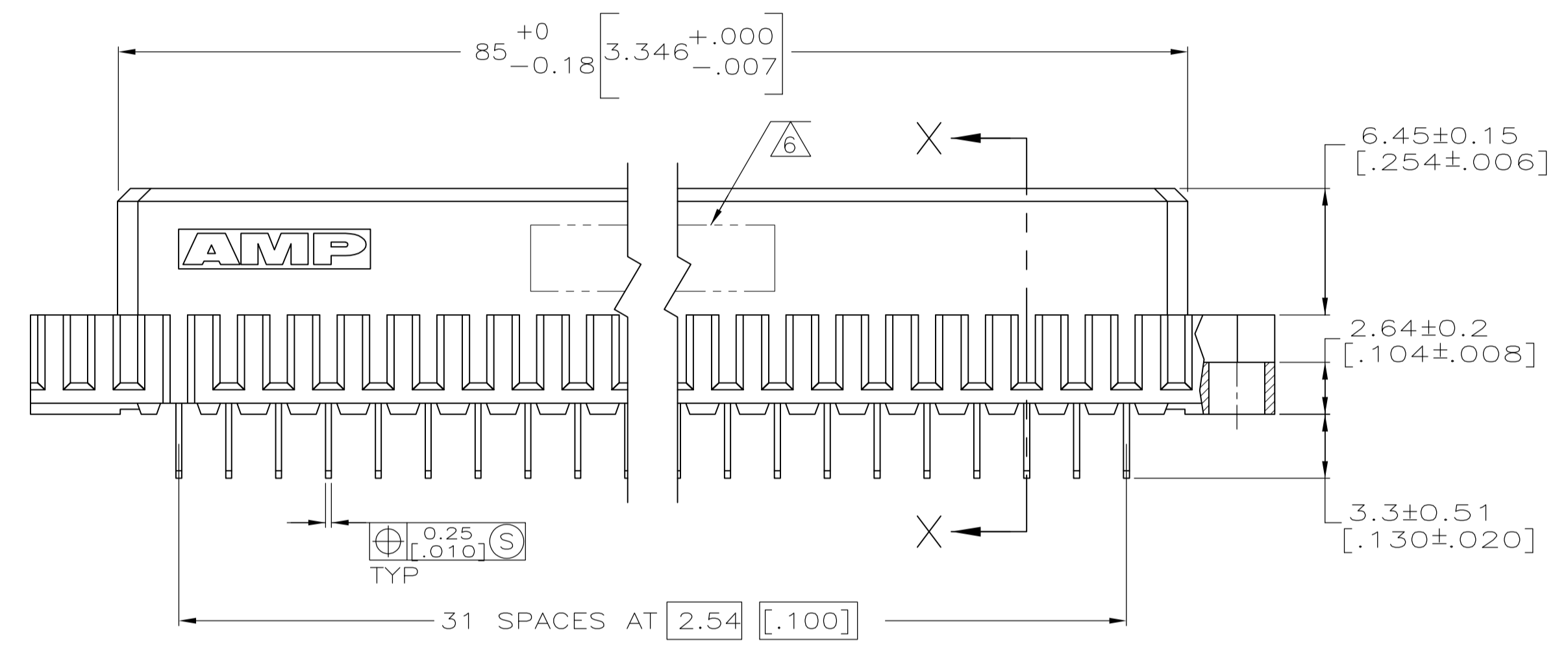
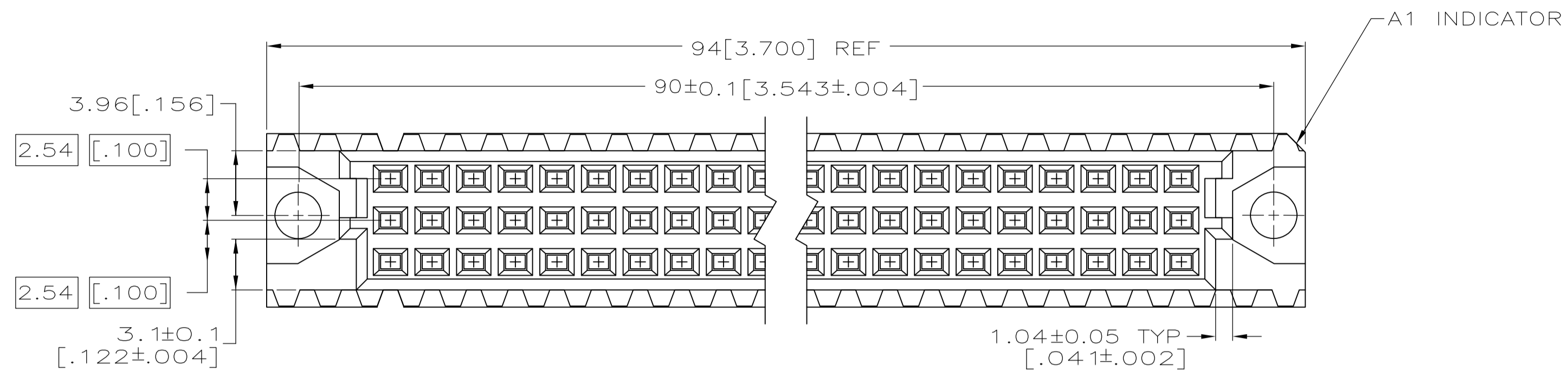
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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">ASSEMBLY, RECEPTACLE, EUROCARD, TYPE C, LEAD-FREE, 9...</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Eurocard Connectors Types B,C,M,Q,R, &amp; Enhanced Typ...</a> (PDF, English)</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>CAD Files:</b> (<a href="#">CAD Format &amp; Compression Information</a>)</p> <ul style="list-style-type: none"> <li>• <a href="#">2D Drawing</a> (DXF, Version 0)</li> <li>• <a href="#">3D Model</a> (IGES, Version 0)</li> <li>• <a href="#">3D Model</a> (STEP, Version 0)</li> </ul>	<p><b>Additional Information:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Line Information</a></li> </ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> <li>• <a href="#">Mating Products (7)</a></li> </ul>

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)	
<p><b>Product Type Features:</b></p> <ul style="list-style-type: none"> <li>• Product Line = Eurocard</li> <li>• Product Series = Type C</li> <li>• Connector Type = Connector Assembly</li> <li>• <a href="#">PCB Mount Retention</a> = Without</li> <li>• <a href="#">PCB Mounting Orientation</a> = Vertical</li> <li>• Termination Method to PC Board = Through Hole - Solder</li> <li>• <a href="#">Size</a> = Standard</li> <li>• <a href="#">Make First / Break Last</a> = No</li> <li>• <a href="#">Bus Type</a> = FUTUREBUS, MULTIBUS (II), NUBUS, VMEbus, VXIBus</li> <li>• <a href="#">DIN Level</a> = II</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Contact - Rated Current (A) = 1.5</li> </ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Termination Post Length (mm [in])</a> = 3.30 [0.130]</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Socket</li> <li>• Contact Base Material = Copper Alloy</li> <li>• Contact Plating, Mating Area, Material = DIN 41612 Class 2</li> <li>• Contact Plating, Termination Area, Material = Tin</li> <li>• <a href="#">Contact Cross Section (mm [in])</a> = 0.30 x 0.61 [.012 x .024]</li> </ul> <p><b>Housing Features:</b></p> <ul style="list-style-type: none"> <li>• Connector Style = Receptacle</li> <li>• Centerline (mm [in]) = 2.54 [0.100]</li> <li>• Mating Alignment = With</li> <li>• Mating Alignment Type = Polarization</li> <li>• Housing Material = Glass Filled Polyester</li> <li>• UL Flammability Rating = UL 94V-0</li> </ul>	<p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• Number of Rows = 3</li> <li>• <a href="#">Number of Positions</a> = 96</li> <li>• <a href="#">Rows Loaded</a> = A, B, C</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RoHS/ELV Compliance</a> = RoHS compliant, ELV compliant</li> <li>• <a href="#">Lead Free Solder Processes</a> = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Applies To</a> = Printed Circuit Board</li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• Application Use = Board-to-Board</li> <li>• Contact Transmits (Typical Application) = Signal (Data)</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = AMP</li> </ul>



- 1 HOUSING MATERIAL: GLASS-FILLED POLYMER.
- 2 CONTACT MATERIAL: COPPER ALLOY.
- 3 CONTACT FINISH: DIN 41612 CLASS 3 IN CONTACT AREA. TIN PLATE ON POSTS.
- 4 CONTACT FINISH: DIN 41612 CLASS 2 IN CONTACT AREA. TIN PLATE ON POSTS.
- 5 RECOMMENDED HOLE SIZE FOR MANUAL APPLICATION OF CONNECTOR ONTO PC BOARD.
- 6 PART NUMBER, DATE CODE IDENTIFICATION, CSA LOGO IN THIS APPROXIMATE AREA, ON REVERSE SIDE.
- 7 CONTACT POINT.
- 8 CONTACT FINISH: 0.000076 [.000003] MIN GOLD IN CONTACT AREA. 0.00127 [.000050] NICKEL UNDERPLATE ALL OVER. TIN ON POSTS. CONTACT AREA LUBRICATED WITH BELLCORE APPROVED LUBRICANT, TECHNICAL REFERENCE GR-1217-CORE, ISSUE 1, NOVEMBER 1995. ADD NOTE 9: HOUSING MATERIAL: HIGH TEMP GLASS-FILLED POLYMER.
- 9 HOUSING MATERIAL: HIGH TEMP GLASS-FILLED POLYMER.

3	2 1	5535090-9
4	2 9	5535090-8
4	2 1	5535090-5
4	2 1	5535090-4
8	2 1	5535090-3
FINISH		MATERIAL
		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN J. POLIGNONE 27MAY05	APVD A. SHARPE 27MAY05
0 PLC ± -	1 PLC ± -	2 PLC ± -	3 PLC ± 0.13 [.005]
4 PLC ± -	ANGLES ± -		
MATERIAL SEE TABLE	FINISH SEE TABLE	WEIGHT -	SIZE A1
CUSTOMER DRAWING		SCALE 4:1	SHEET 1 OF 1

STE TE Connectivity

NAME ASSEMBLY, RECEPTACLE, EUROCARD, TYPE C, LEAD-FREE, 96 POSITION, 3.30[.130] SOLDER POSTS

SIZE A1 00779 5535090