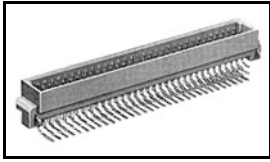


5650948-5 Product Details

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5650948-5

TE Internal Number: 5650948-5

 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 = Plug
- Board-to-Board

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [ASSEMBLY, PIN, EUROCARD, TYPE 1/2C, 48 POSITION, 3....](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [Eurocard Connectors Types B,C,M,Q,R, & Enhanced Typ...](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version 0)
- [3D Model](#) (IGES, Version 0)
- [3D Model](#) (STEP, Version 0)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(11\)](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Line = Eurocard
- Product Series = Type C
- Connector Type = Connector Assembly
- [PCB Mount Retention](#) = Without
- [PCB Mounting Orientation](#) = Right Angle
- Size = Half
- [Make First / Break Last](#) = No
- [DIN Level](#) = II

Electrical Characteristics:

- Contact - Rated Current (A) = 1.5

Termination Features:

- [Termination Post Length \(mm \[in\]\)](#) = 3.30 [0.130]
- Termination Method to PC Board = Through Hole - Solder

Configuration Features:

- Number of Rows = 3
- [Number of Positions](#) = 48
- [Rows Loaded](#) = A, B, C

Industry Standards:

- [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

Conditions for Usage:

- [Applies To](#) = Printed Circuit Board

Contact Features:

- Contact Type = Pin
- Contact Base Material = Copper Alloy
- Contact Plating, Mating Area, Material = DIN 41612 Class 2
- Contact Plating, Termination Area, Material = Tin
- [Contact Cross Section \(mm \[in\]\)](#) = 0.64 [.025] Sq.

Housing Features:

- Connector Style = Plug
- Centerline (mm [in]) = 2.54 [0.100]
- Mating Alignment = With
- Mating Alignment Type = Polarization
- Housing Material = High Temperature Glass Filled Polyester
- UL Flammability Rating = UL 94V-0

Operation/Application:

- Application Use = Board-to-Board
- Contact Transmits (Typical Application) = Signal (Data)

Other:

- Brand = AMP

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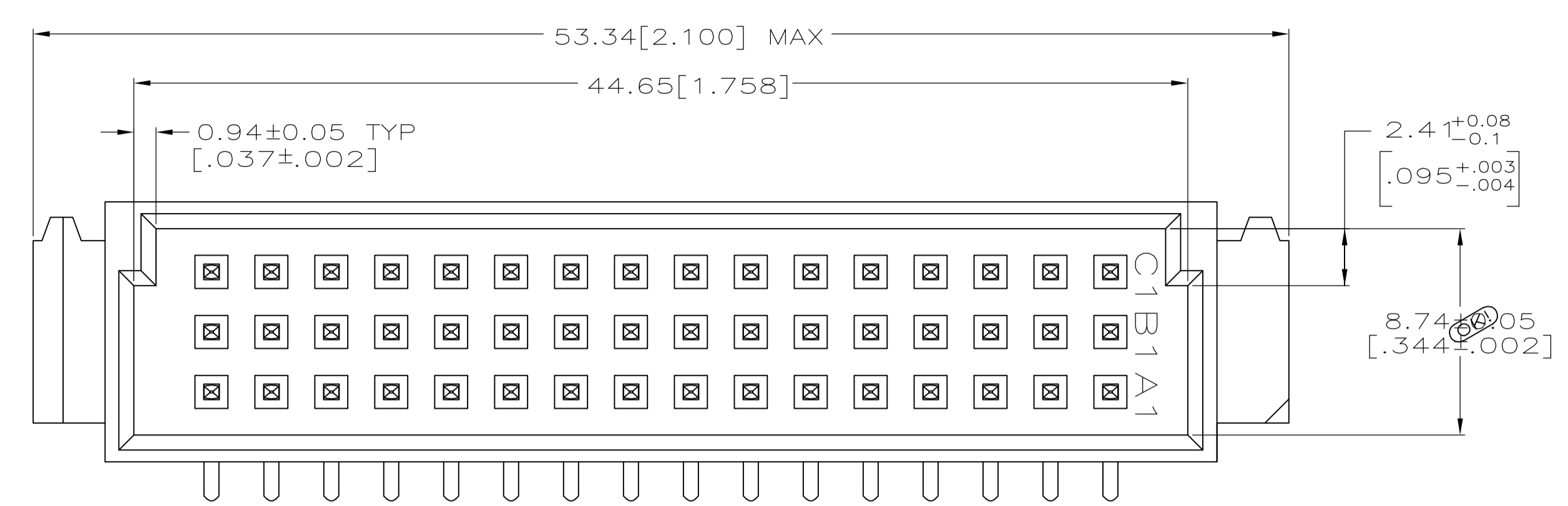
Quick Links

[Distributor Inventory](#)
[Product Cross Reference](#)
[Documents & Drawings](#)
[Product Compliance Support Center](#)
[Site Map](#)

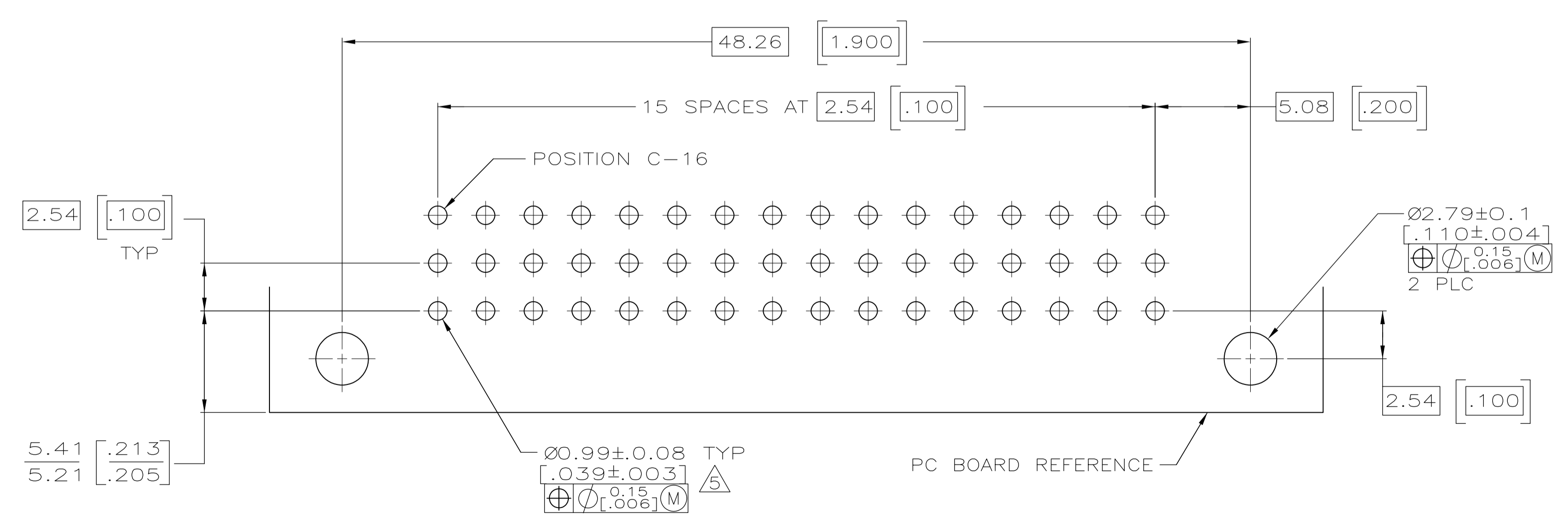
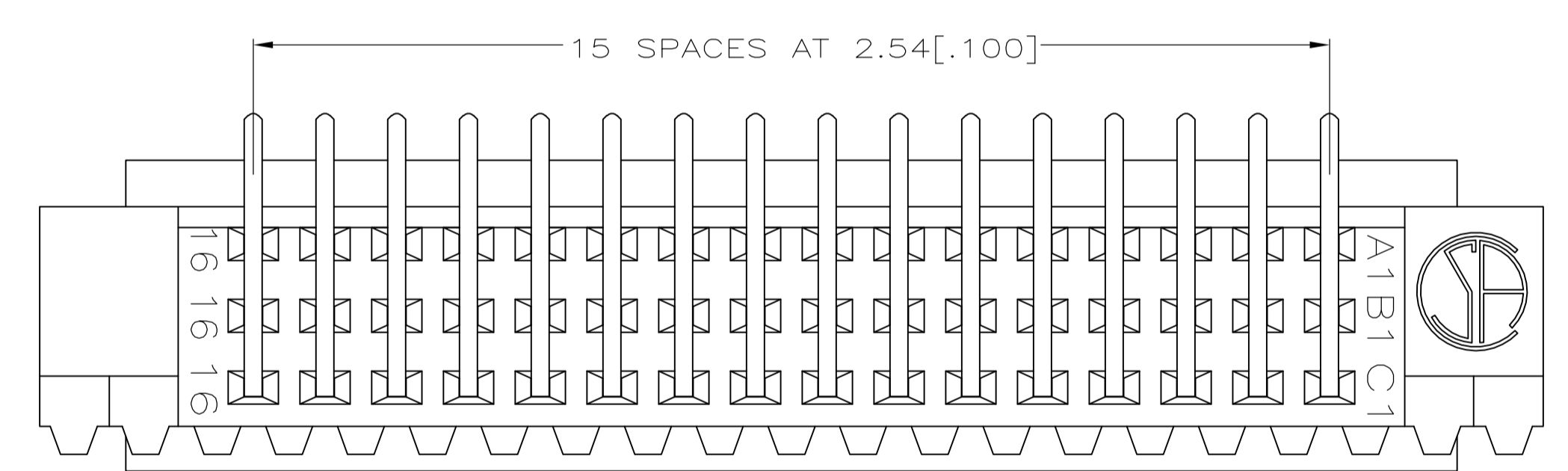
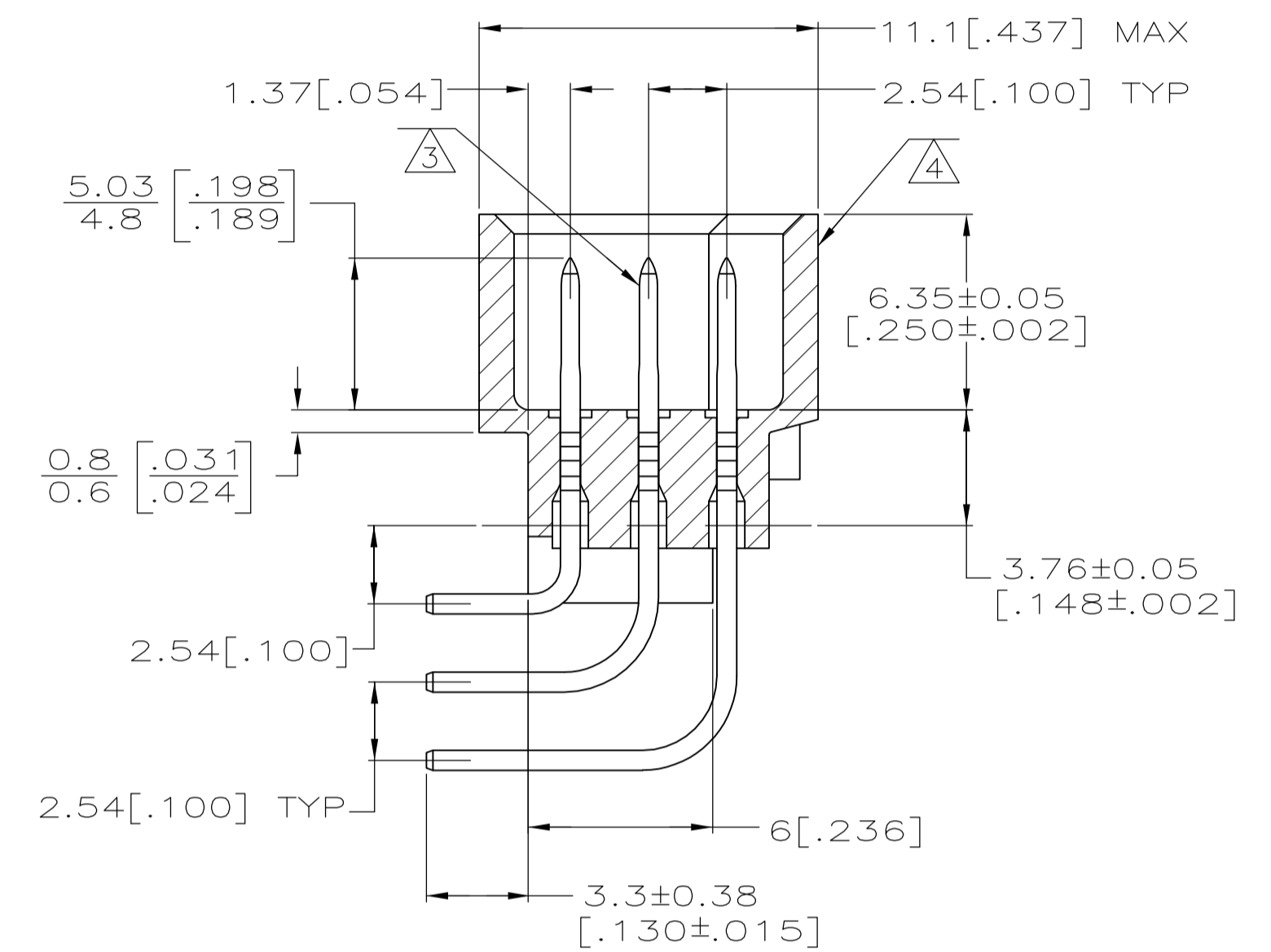
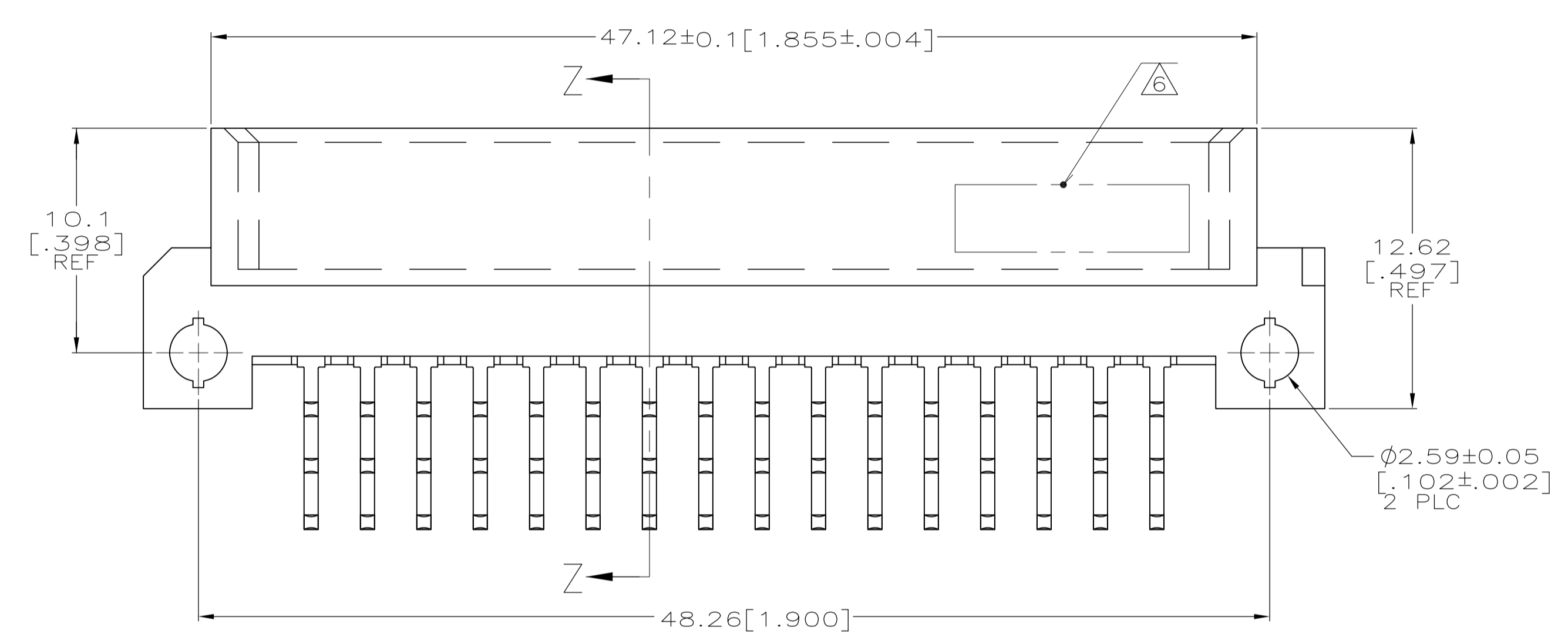
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Keep Me Informed



- 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.



PC BOARD LAYOUT

1-16	X	X	X	48	5650948-5
POSITIONS LOADED	C	B	A	NO. OF LOADED POSITION	ASSY PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN J. POLIGNONE	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		OSMAYOS	Tyco Electronics Corporation	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		OSMAYOS	Harrisburg, PA 17105-3608	
0 PLC ± -		APVD A. SHARPE	NAME ASSEMBLY, PIN, EUROCARD, TYPE 1/2C, 48 POSITION, 3.30 [.130] SOLDER POST	
1 PLC ± -		OSMAYOS	APPLICATION SPEC	
2 PLC ± 0.13 [.005]			SIZE CAGE CODE DRAWING NO. RESTRICTED TO	
3 PLC ± -			A1 00779 C=5650948	
4 PLC ± -			WEIGHT	
ANGLES ± -			CUSTOMER DRAWING SCALE 5:1 SHEET 1 OF 1 REV 01	