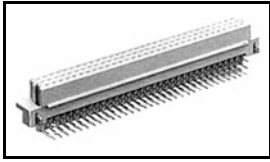


## 5650870-5 Product Details

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**5650870-5**

TE Internal Number: 5650870-5

 Active

[View 3D PDF](#)

### Eurocard Type R

 Always EU RoHS/ELV Compliant  
(Statement of Compliance)

### Product Highlights:

- Connector Style = Receptacle
- 64 Positions
- PCB Mounting Orientation = Right Angle
- Without PCB Mount Retention
- Post Type = Solder Post

[View all Features](#)

### Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(8\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

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### Documentation & Additional Information

#### Product Drawings:

- [ASSEMBLY, RECEPTACLE, EUROCARD, TYPE R, LEAD-FREE, A...](#) (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 \(8\)](#)

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

#### Product Type Features:

- [PCB Mounting Orientation](#) = Right Angle
- [PCB Mount Retention](#) = Without
- [Post Type](#) = Solder Post
- [Guides](#) = Without
- [Make First / Break Last](#) = No
- [DIN Level](#) = II
- [Flux-Tight Coating](#) = Without
- [Color](#) = Gray

#### Termination Features:

- [Termination Post Length \(mm \[in\]\)](#) = 2.79 [0.110]

#### Contact Features:

- [Contact Cross Section \(mm \[in\]\)](#) = 0.30 x 0.61 [0.012 x .024]
- [Contact Base Material](#) = Copper Alloy

#### Housing Features:

- [Connector Style](#) = Receptacle
- [Mating Alignment](#) = Without
- [Housing Material](#) = Polymer
- [UL Flammability Rating](#) = UL 94V-0

#### Configuration Features:

- [Number of Positions](#) = 64
- [Rows Loaded](#) = A, C

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C
- [RoHS/ELV Compliance History](#) = Always was RoHS

- Contact Plating, Mating Area, Material = DIN 41612 Class 2
- Solder Tail Contact Plating = Tin

compliant

**Other:**

- Brand = AMP

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**Corporate Information**

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- [Investors](#)
- [News Room](#)
- [Supplier Portal](#)
- [Careers](#)
- [Terms & Conditions](#)
- [Privacy Policy](#)

**Quick Links**

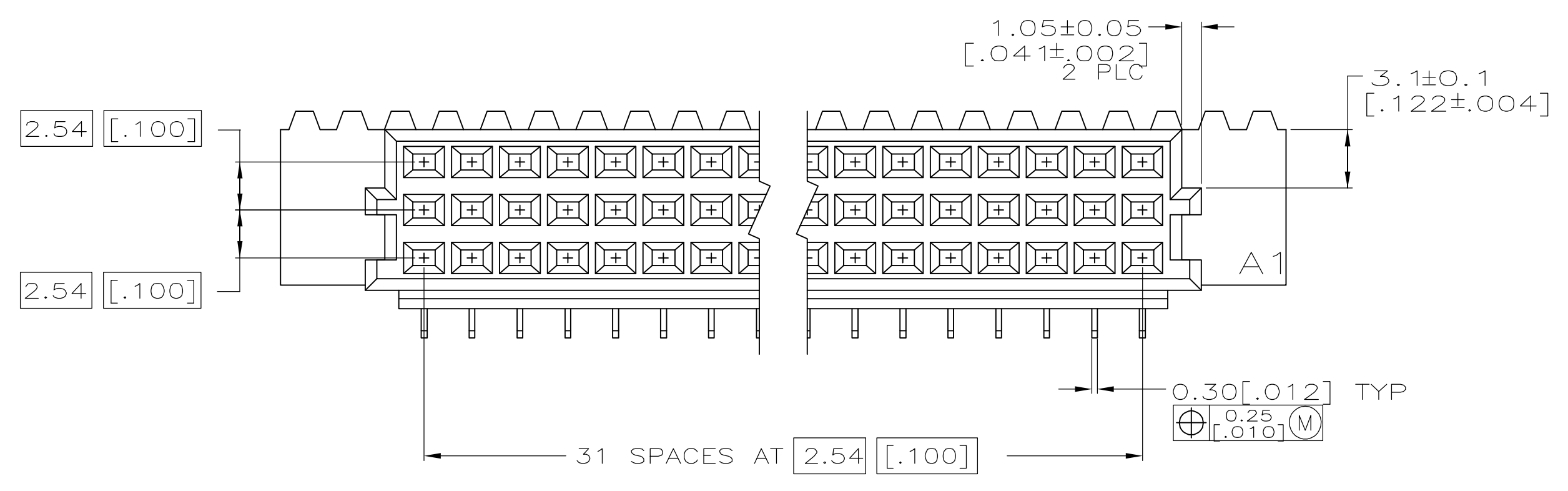
- [Distributor Inventory](#)
- [Product Cross Reference](#)
- [Documents & Drawings](#)
- [Product Compliance Support Center](#)
- [Site Map](#)

**Customer Support**

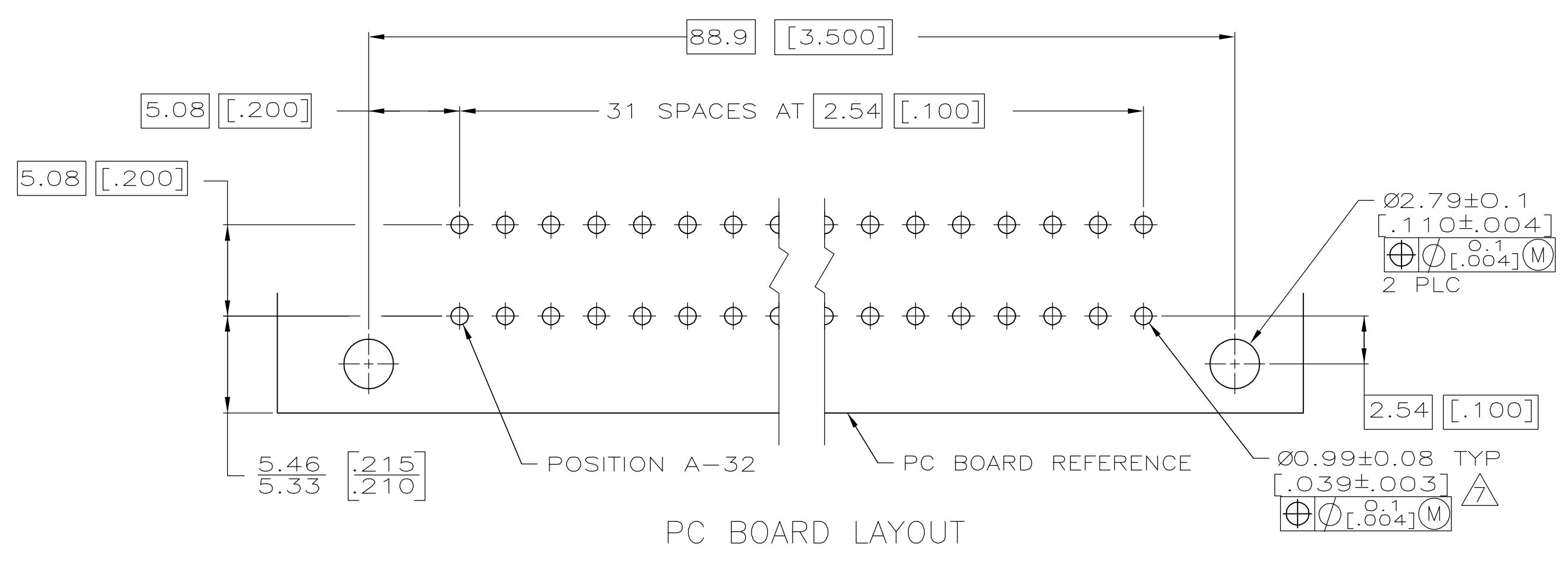
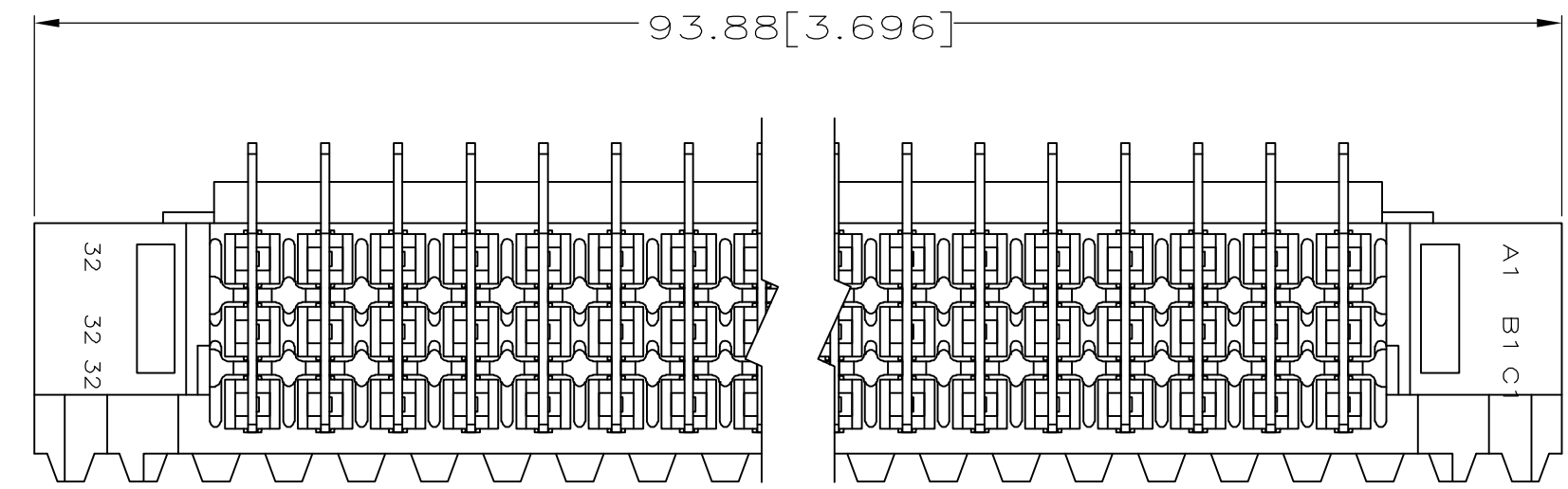
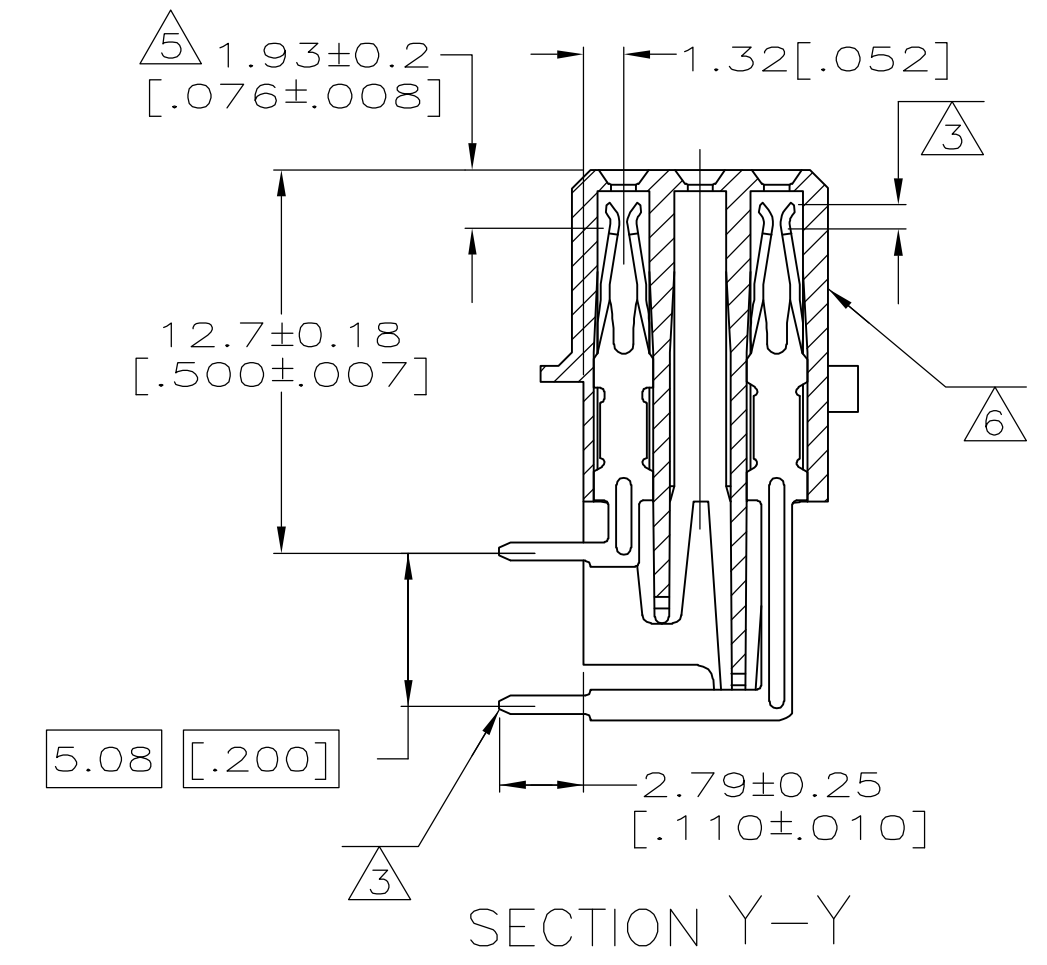
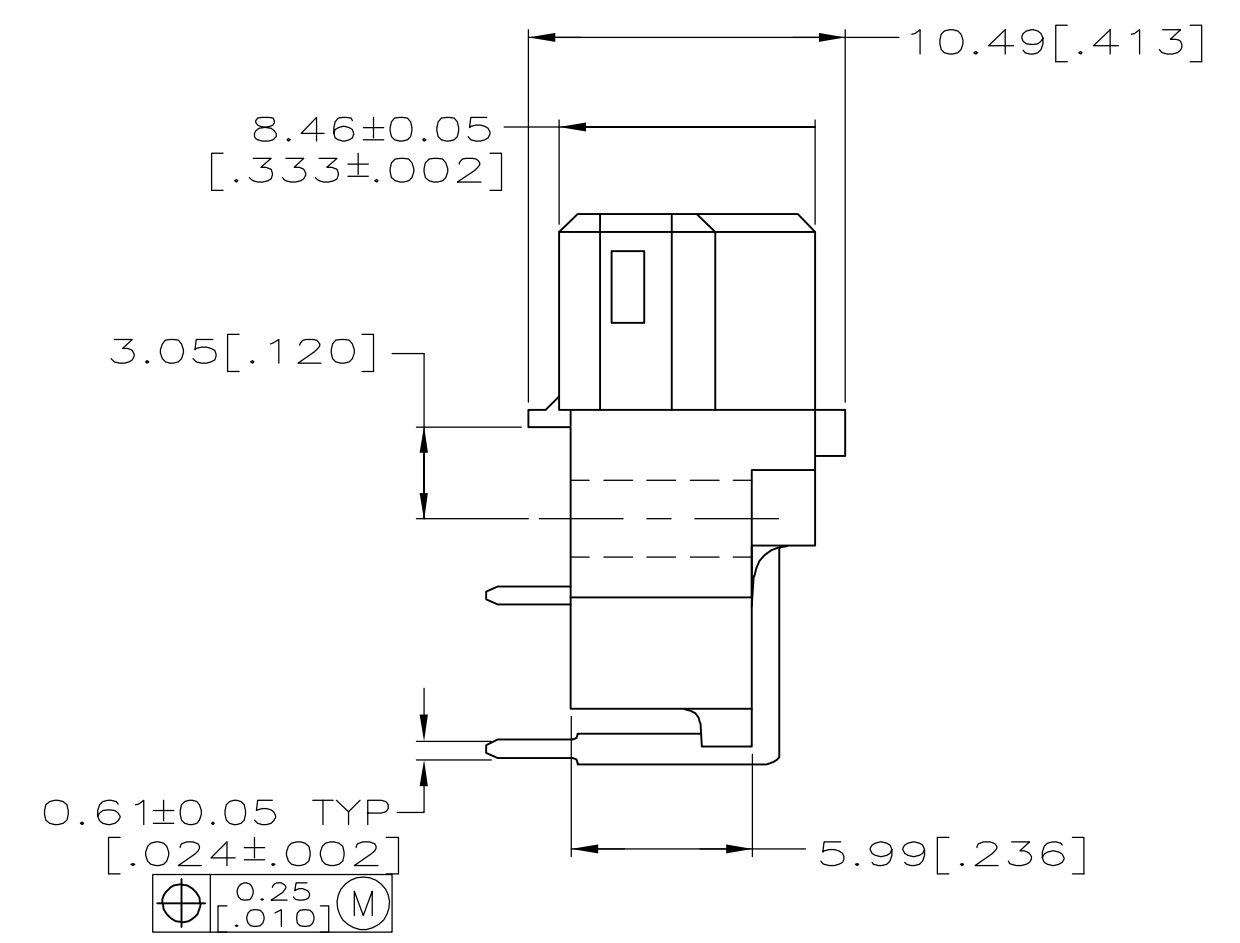
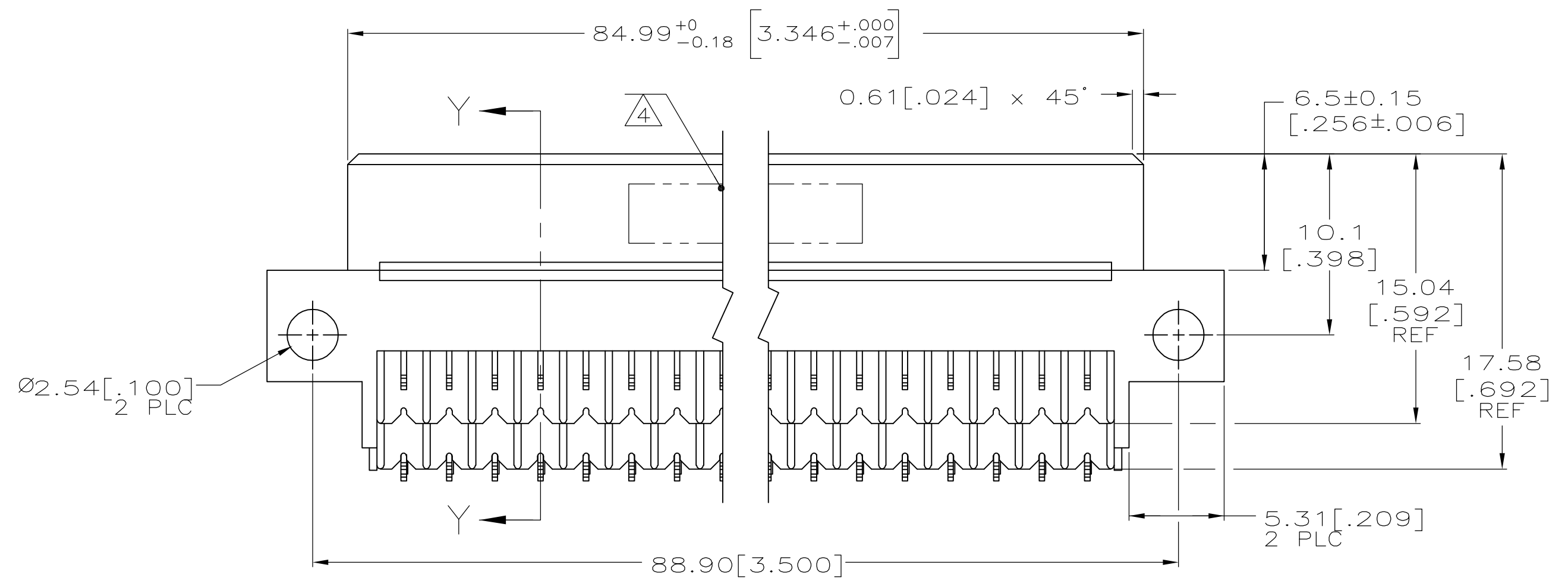
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**Keep Me Informed**





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



1 THRU 32	X	-	X	64	5650870-5
1 THRU 32	X	-	X	64	5650870-4
NOTES	POSITIONS LOADED	ROWS LOADED	NO. OF LOADED POSITION	ASSY PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. POLIGNONE	03JUN05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		CHK A. SHARPE	03JUN05	NAME ASSEMBLY, RECEPTACLE, EUROCARD, TYPE R, LEAD-FREE, A and C, 64/96 POSITION, 2.79[.110] SOLDER POSTS	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD A. SHARPE	03JUN05	PRODUCT SPEC	
0 PLC ± -		APPLICATION SPEC		SIZE CAGE CODE DRAWING NO RESTRICTED TO	
1 PLC ± -		MATERIAL		A1 00779 ©=5650870	
2 PLC ± 0.15[.005]		FINISH		WEIGHT -	
3 PLC ± -		CUSTOMER DRAWING		SCALE 4:1 SHEET 1 OF 1 REV 0	
4 PLC ± -					
ANGLES ± -					
FINISH ± -					