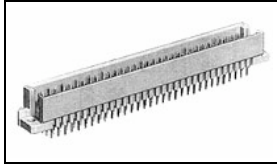


## 5536019-5 Product Details



**5536019-5**

TE Internal Number: 5536019-5

 Active

### Eurocard Type R

 Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Connector Style = Plug
- 96 Positions
- PCB Mounting Orientation = Vertical
- With PCB Mount Retention
- Action/Compliant Tail

### Documentation & Additional Information

#### Product Drawings:

- [ASSEMBLY, PIN, EUROCARD, TYPE R, 96 POSITION, 6.35\[.... \(PDF, English\)](#)

#### 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:

- None Available

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

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

#### Product Type Features:

- [PCB Mounting Orientation](#) = Vertical
- [PCB Mount Retention](#) = With
- [PCB Mount Retention Type](#) = Action/Compliant Tail
- [Post Type](#) = Compliant Post
- [Guides](#) = Without
- [Make First / Break Last](#) = Yes
- [DIN Level](#) = II
- [Flux-Tight Coating](#) = Without

#### Termination Features:

- [Termination Post Length \(mm \[in\]\)](#) = 6.35 [0.250]
- [Solder Tail Contact Plating](#) = Tin

#### Dimensions:

- [PCB Thickness \(Minimum\) \(mm \[in\]\)](#) = 2.36 [0.093]

#### Contact Features:

- [Contact Cross Section \(mm \[in\]\)](#) = 0.64 [.025] Sq.
- [Contact Plating, Mating Area, Material](#) = DIN 41612 Class 2

#### Housing Features:

- [Connector Style](#) = Plug
- [Mating Alignment](#) = Without

#### Configuration Features:

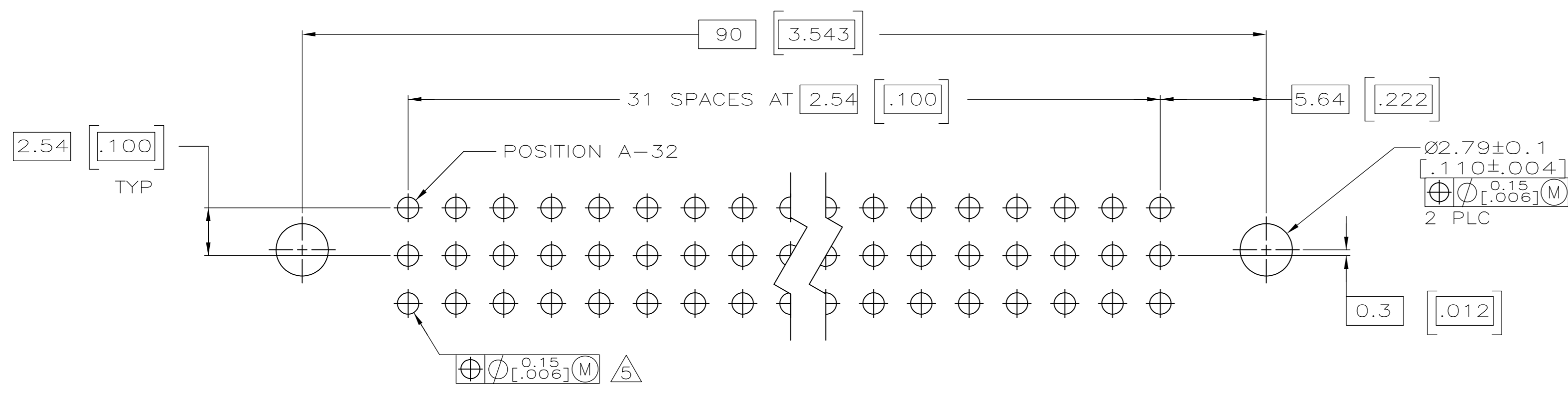
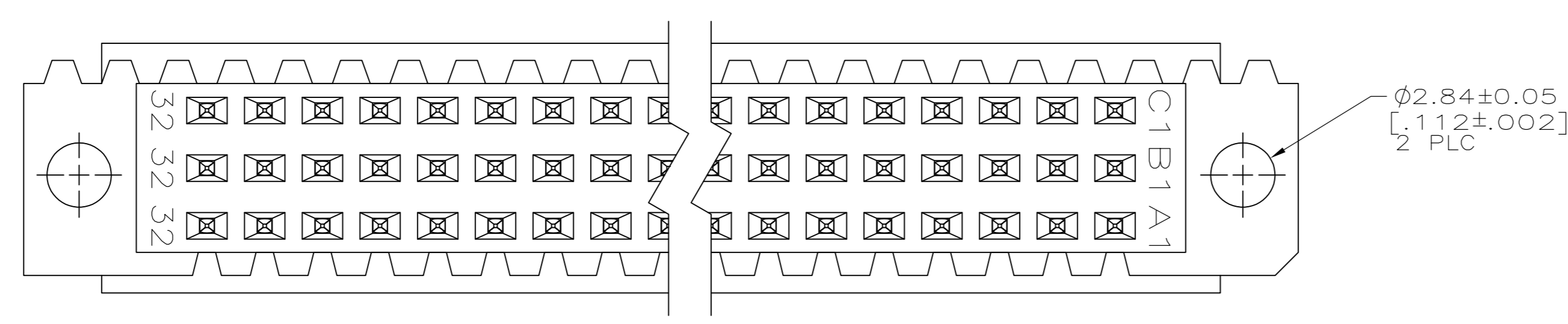
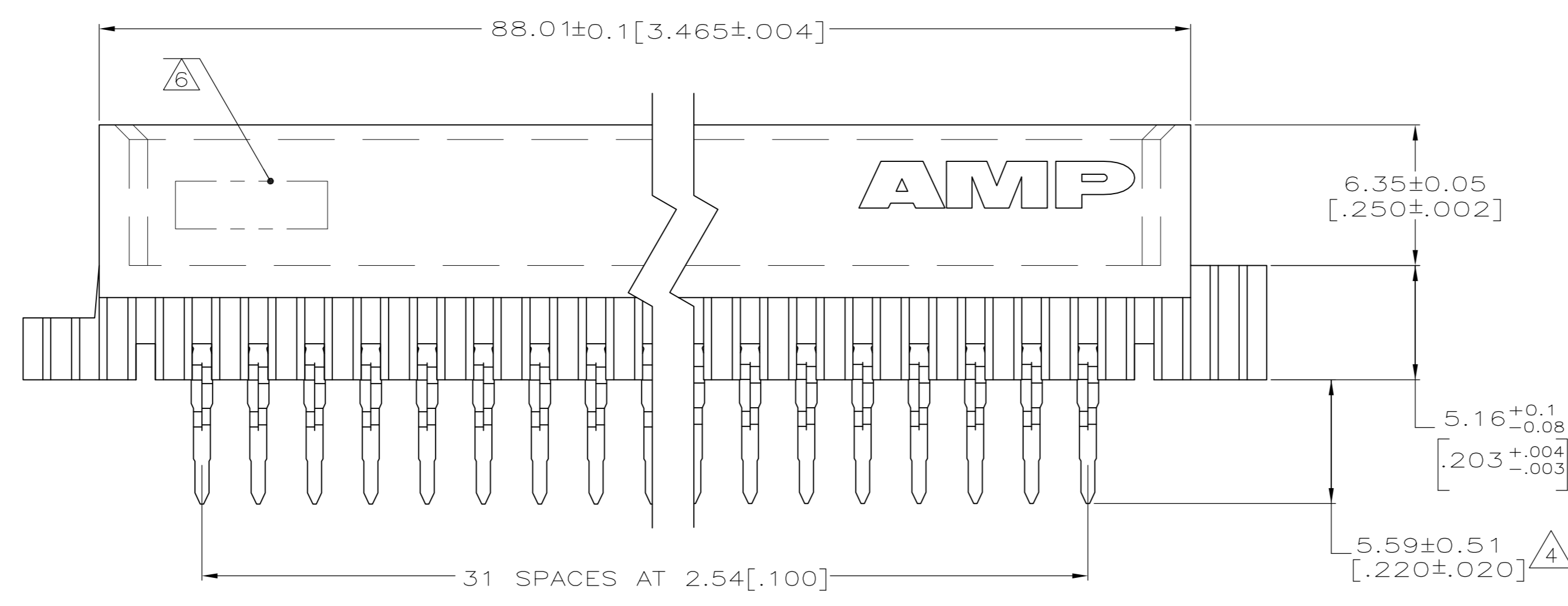
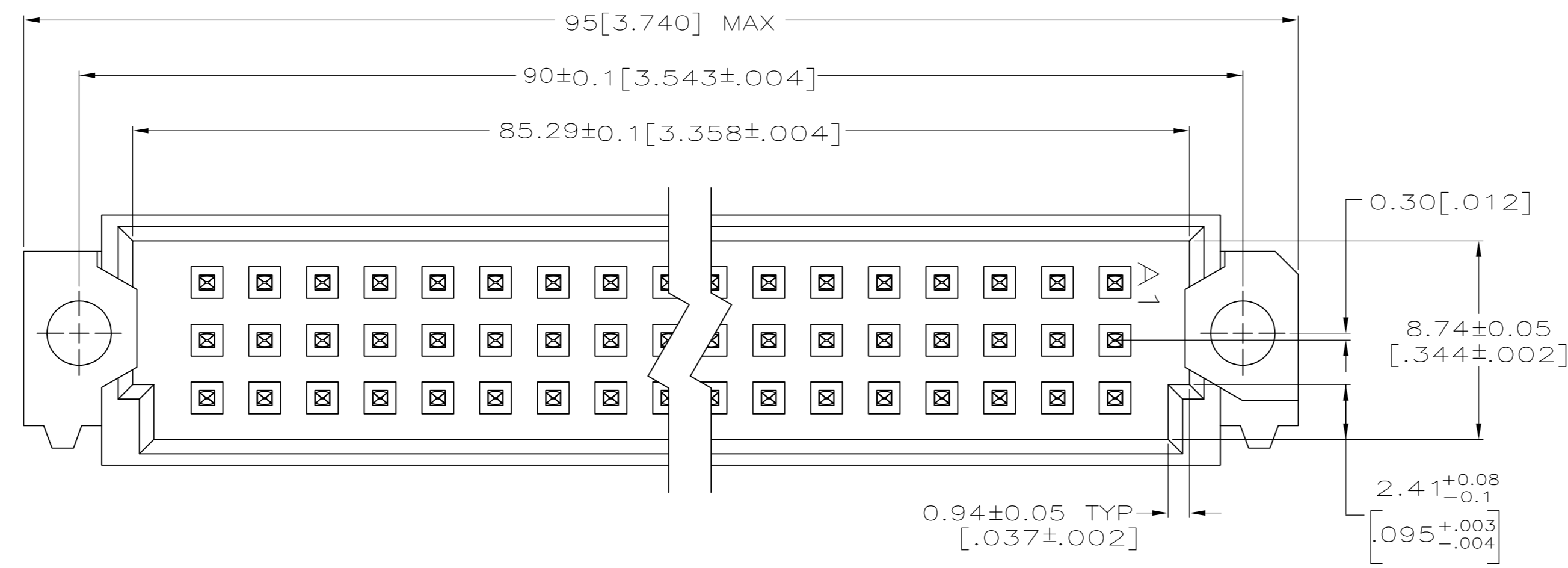
- [Number of Positions](#) = 96
- [Rows Loaded](#) = A, B, C

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- [RoHS/ELV Compliance History](#) = Always was RoHS compliant

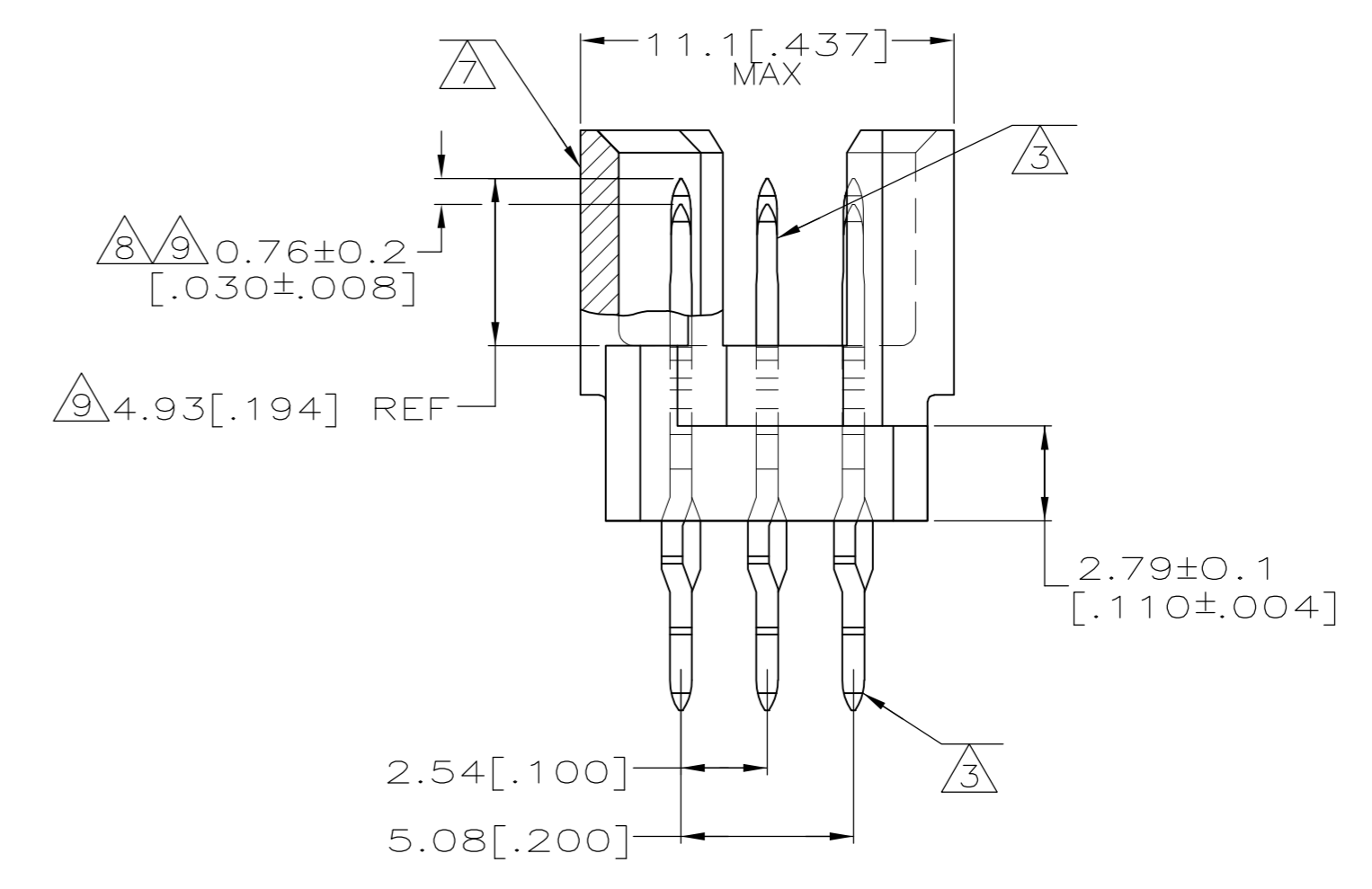
#### Other:

- [Brand](#) = TE Connectivity



PC BOARD LAYOUT

- 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 THIS DIMENSION WILL BE 6.35±0.51[.250±.020] AFTER SEATING FOR PINS WITH 4.17[.164] REF MATING POST.
- 5 PC BOARD HOLES REQUIRED FOR ACTION PIN CONTACTS ARE 1.151[.0453] DRILL DIAMETER PLATED THROUGH WITH 0.02-.08[.001-.003] COPPER AND 0.008[.0003] MINIMUM TIN-LEAD PLATING. FINISHED HOLE AFTER PLATING, 0.94-1.09[.037-.043] DIAMETER.
- 6 PART NUMBER, DATE CODE MARKED THIS APPROXIMATE AREA.
- 7 MARKING ON THIS SIDE.
- 8 FOR "MFBL" APPLICATIONS, A 2.36[.093] MINIMUM THICK PC BOARD IS REQUIRED. PROGRAMMABLE SEATING TOOL 768216-2 MUST BE USED.
- 9 TO BE 4.16[.164] REF FOR LAST MAKE PINS AFTER SEATING. POST LENGTH DIFFERENCE BETWEEN SHORT AND LONG PINS TO BE 0.76±0.2[.030±.008] AFTER SEATING.
- 10. FOR 1.57[.062] THICK PC BOARD APPLICATIONS, USE SEATING TOOL 768211-2. PROGRAMMABLE SEATING TOOL 768216-2 WITH PUSH PINS FOR MAKE FIRST CONTACTS ONLY, CAN ALSO BE USED.



1-32	X	X	X	96	5536019-5
POSITIONS LOADED	C	B	A	NO. OF LOADED POSITION	ASSY PART NUMBER
	ROWS LOADED				

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. POLIGNONE CHK A. SHARPE APP'D A. SHARPE		Tyco Electronics Corporation Harrisburg, Pa 17105-3608																			
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME ASSEMBLY, PIN, EUROCARD, TYPE R, 96 POSITION, 6.35[.250] PRESS-FIT POSTS, PROGRAMMABLE																			
<table border="1"> <tr><td>0 PLC</td><td>±</td><td>-</td></tr> <tr><td>1 PLC</td><td>±</td><td>-</td></tr> <tr><td>2 PLC</td><td>±</td><td>-</td></tr> <tr><td>3 PLC</td><td>±</td><td>0.13[.005]</td></tr> <tr><td>4 PLC</td><td>±</td><td>-</td></tr> <tr><td>ANGLES</td><td>±</td><td>-</td></tr> </table>		0 PLC	±	-	1 PLC	±	-	2 PLC	±	-	3 PLC	±	0.13[.005]	4 PLC	±	-	ANGLES	±	-	APPLICATION SPEC		SIZE CAGE CODE DRAWING NO RESTRICTED TO	
0 PLC	±	-																					
1 PLC	±	-																					
2 PLC	±	-																					
3 PLC	±	0.13[.005]																					
4 PLC	±	-																					
ANGLES	±	-																					
MATERIAL		FINISH		WEIGHT																			
CUSTOMER DRAWING		SCALE 5:1		SHEET 1 OF 1 REV 01																			