



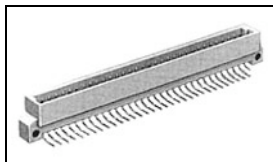
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536052-5 Product Details

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536052-5

TE Internal Number: 536052-5

Active

View 3D PDF

Eurocard Type B

5 of 6 EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Connector Assembly
- Connector Style = Plug
- Contact Type = Pin
- 64 Positions

View all Features

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • PIN ASSEMBLY, EUROCARD TYPE B (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 M) • 3D Model (IGES, Version M) • 3D Model (STEP, Version M) 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Information • 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"> • Product Type = Connector • Connector Type = Connector Assembly • PCB Mounting Orientation = Right Angle • Make First / Break Last = No • PCB Mount Alignment = Without • PCB Mount Retention = With • PCB Mount Retention Type = Mounting Hole(s) • Sealed = No • CSA File Number = LR 7189 <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Contact - Rated Current (A) = 1.5 • Operating Voltage Reference = AC • Operating Voltage (VAC) = 250 • Operating Voltage (VDC) = 250 <p>Termination Features:</p> <ul style="list-style-type: none"> • Termination Method to PC Board = Through Hole - Solder <p>Dimensions:</p> <ul style="list-style-type: none"> • Mating Post Length (mm [in]) = 4.93 [0.194] • Tail Length (mm [in]) = 2.64 [0.104] • PCB Thickness, Recommended (mm [in]) = 1.57 [0.062] • Length (X-Axis) (mm [in]) = 93.98 [3.700] • Width (Z-Axis) (mm [in]) = 8.56 [0.337] • Profile Height (Y-Axis) (mm [in]) = 12.62 [0.497] 	<p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Plug • Centerline (mm [in]) = 2.54 [0.100] • Mating Alignment = With • Mating Alignment Type = Polarization <p>Configuration Features:</p> <ul style="list-style-type: none"> • Number of Positions = 64 • Number of Columns = 32 • Custom Configurable = No • Number of Rows = 2 • Tail Orientation = In-line <p>Industry Standards:</p> <ul style="list-style-type: none"> • RoHS/ELV Compliance = ELV compliant, 5 of 6 Compliant • Lead Free Solder Processes = Wave solder capable to 240°C • UL Flammability Rating = UL 94V-0 • Approved Standards = CSA, UL • UL Rating = Recognized • UL File Number = E28476 • CSA Certified = Yes <p>Environmental:</p> <ul style="list-style-type: none"> • Operating Temperature (°C [°F]) = -55 - +125 [-67 - +257] <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Applies To = Printed Circuit Board

<p>Body Features:</p> <ul style="list-style-type: none"> Header Type = Shrouded Row-to-Row Spacing (mm [in]) = 2.54 [0.100] Mating Retention = Without <p>Contact Features:</p> <ul style="list-style-type: none"> Contact Type = Pin Contact Plating, Termination Area, Material = Tin-Lead Contact Base Material = Brass Contact Design = Square Post Contact Plating, Mating Area, Material = Gold or Palladium Nickel or Performance Based Contact Plating, Mating Area, Thickness (µm [µin]) = 0.76 [29.92] Underplate Material = Nickel Underplate Material Thickness (µm [µin]) = 1.27 [50.000] Contact Plating, Termination Area, Thickness (µm [µin]) = 2.54 [100] 	<ul style="list-style-type: none"> Board-to-Board Configuration = Co-Planar, Co-Planar/Right Angle, Right Angle <p>Operation/Application:</p> <ul style="list-style-type: none"> Application Use = Board-to-Board Industry Application = Standard Contact Transmits (Typical Application) = Signal (Data) <p>Packaging Features:</p> <ul style="list-style-type: none"> Packaging Method = Tray <p>Other:</p> <ul style="list-style-type: none"> Industry = Not Specified Brand = AMP
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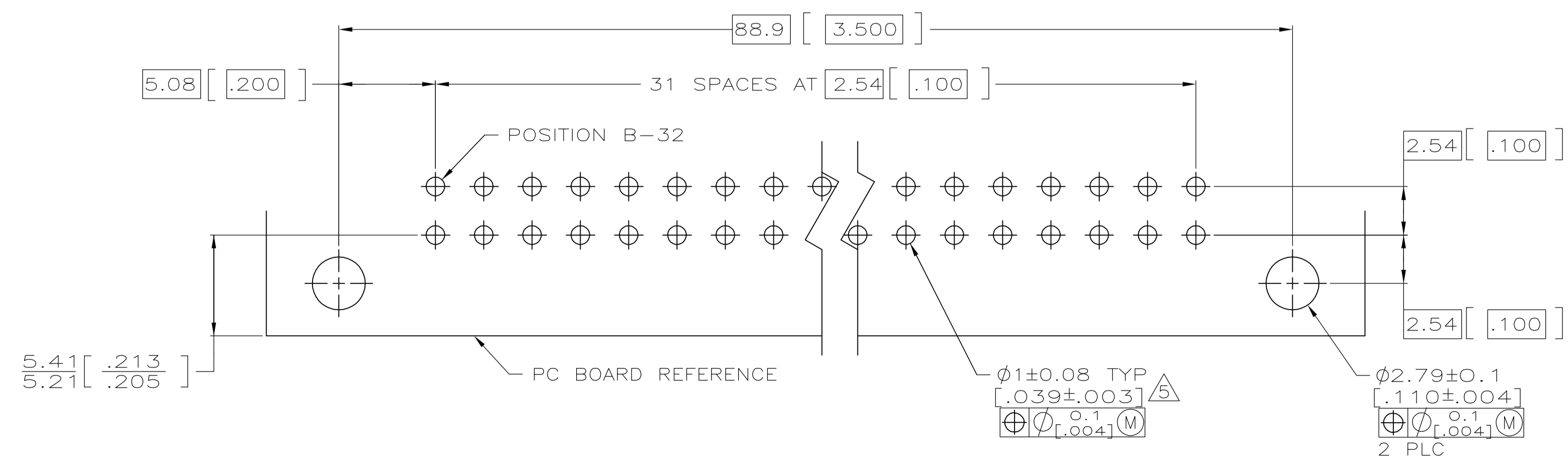
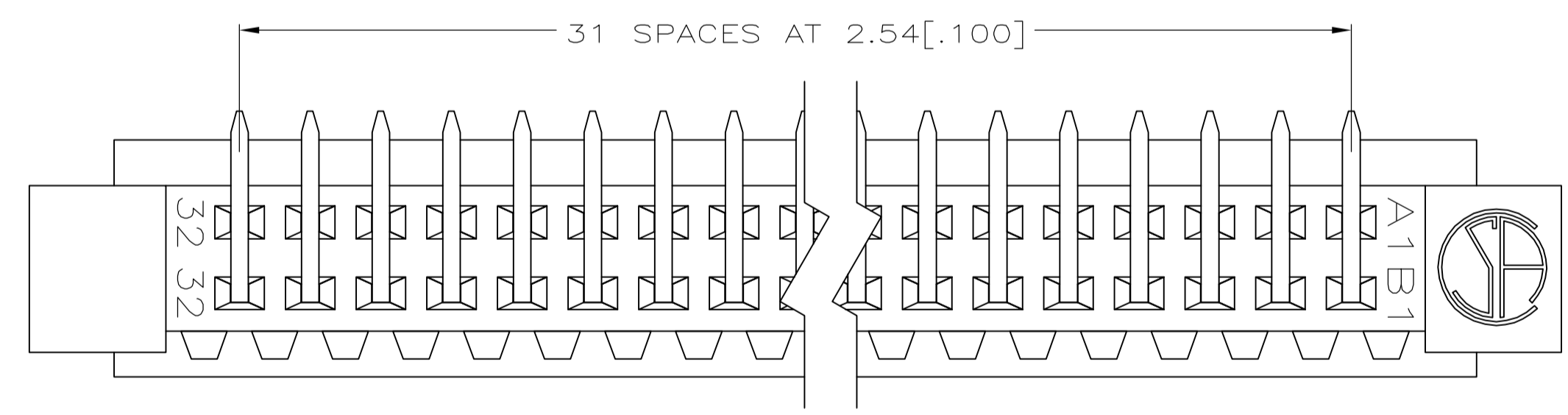
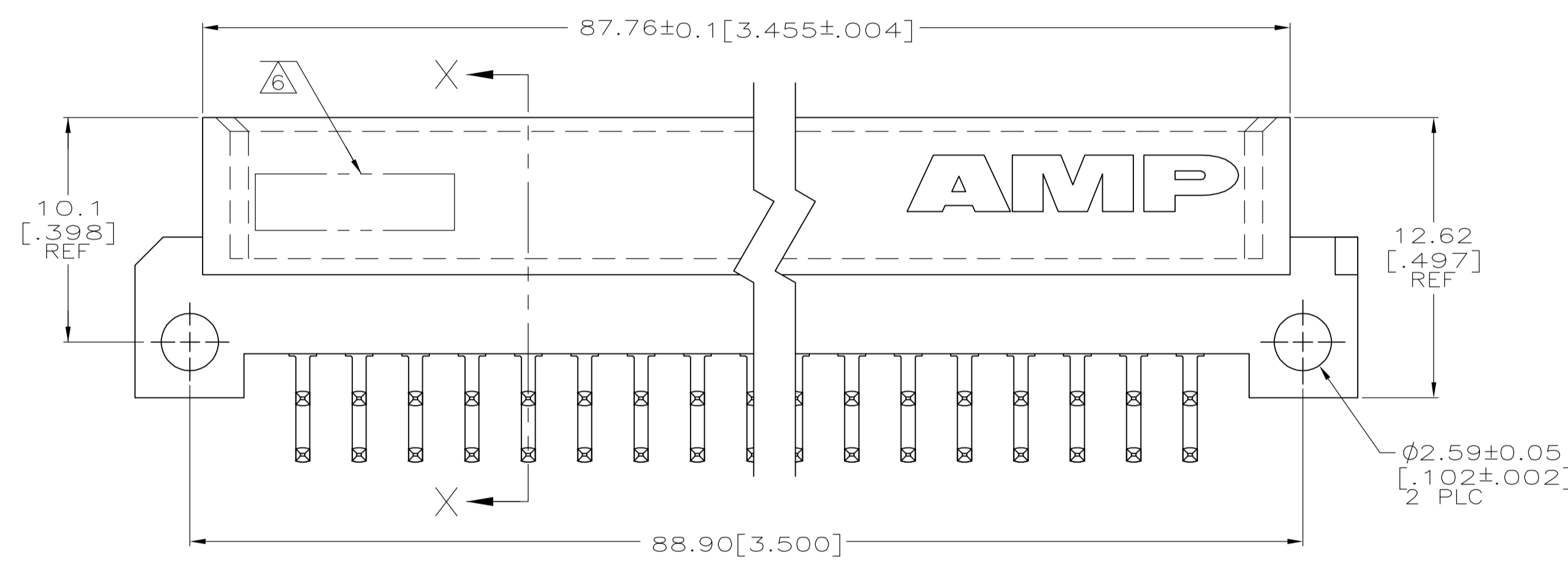
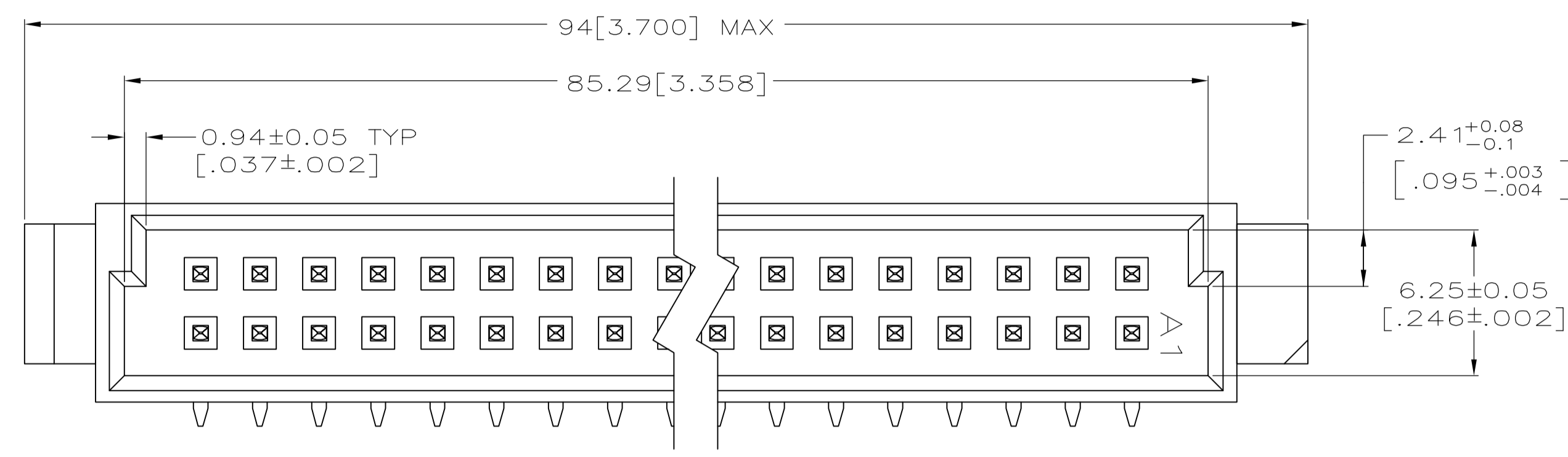
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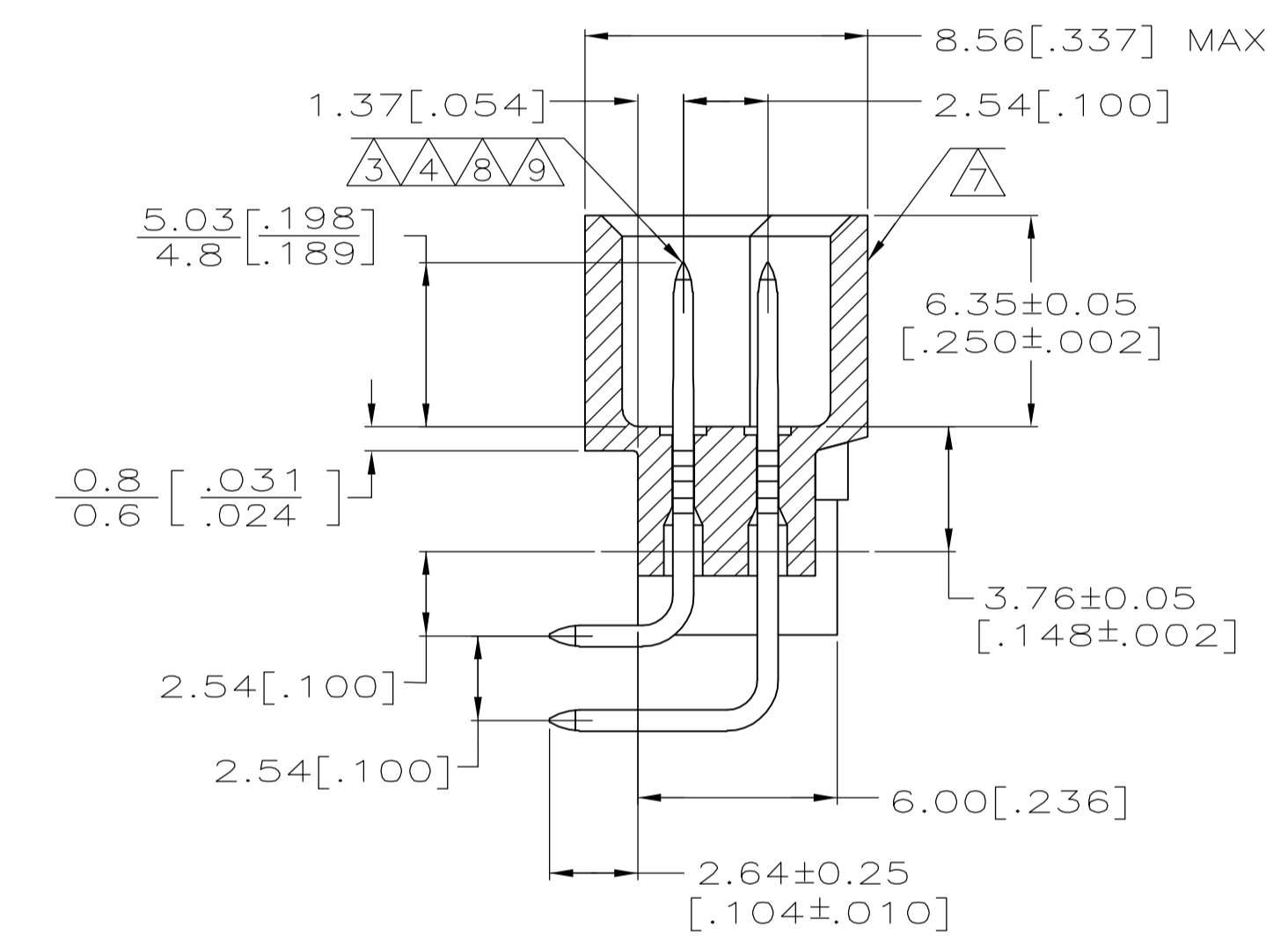
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- ① HOUSING MATERIAL: GLASS-FILLED POLYESTER. COLOR: GRAY.
- ② POST MATERIAL: BRASS.
- ③ POST FINISH: DIN 41612 CLASS 3 IN CONTACT AREA. TIN-LEAD PLATE ON POSTS.
- ④ POST FINISH: DIN 41612 CLASS 2 IN CONTACT AREA. TIN-LEAD PLATE ON POSTS.
- ⑤ RECOMMENDED HOLE SIZE FOR MANUAL APPLICATION OF CONNECTOR ONTO PC BOARD.
- ⑥ PART NUMBER, DATE CODE MARKED THIS APPROXIMATE AREA.
- ⑦ MARKING ON THIS SIDE.
- ⑧ POST FINISH: 0.00076[.000030] GOLD IN CONTACT AREA. 0.00127[.000050] NICKEL UNDERPLATE ALL OVER. TIN-LEAD PLATE ON TAILS.
- ⑨ POST FINISH, DIN 41612 CLASS 2 IN CONTACT AREA. TIN PLATE ON POSTS.



SECTION X-X

OBSOLETE	⑨	1-32	X	X	64	7-536052-5
OBSOLETE	③	1-32	X	X	64	536052-9
OBSOLETE	④	1-32	X	X	64	536052-5
OBSOLETE	⑧	1-32	X	X	64	536052-4
NOTES	POSITIONS LOADED	ROWS LOADED	NO. OF LOADED POSITION		ASSY PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN L BRINER 5/21/92	 Tyco Electronics Corporation Harrisburg, PA 17105-3608
0 PLC ± -	1 PLC ± -	CHK R PATTERSON 5/22/92	
2 PLC ± 0.13	3 PLC ± -	APP'D R PATTERSON 5/22/92	NAME
4 PLC ± -	ANGLES ± -	PRODUCT SPEC	PIN ASSEMBLY, EUROCARD TYPE B
MATERIAL	FINISH	APPLICATION SPEC	SIZE CASE CODE DRAWING NO
		WEIGHT	A1 00779 C=536052
		CUSTOMER DRAWING	RESTRICTED TO
		SCALE 5:1	SHEET 1 OF 1 REV G