

5120790-1 Product Details



5120790-1

TE Internal Number: 5120790-1



Z-PACK HS3 Connectors and Accessories

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- 25.4 mm Card Slot Pitch
- Connector Assembly
- Connector Style = Receptacle
- PCB Mounting Orientation = Right Angle

Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, 100 POSITION 10 ROW, DUAL BEAM,...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [High Speed Backplane Interconnect Solutions Brochure...](#) (PDF, English)
- [High Speed Backplane Connectors catalog - Z-PACK HS3...](#) (PDF, English)

Product Specifications:

- [Z-PACK HS3 Dual Beam Connector System](#) (PDF, English)

Application Specifications:

- [Z-PACK HS3 and HS3 Plus 6- and 10-Row Connectors](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: [\(CAD Format & Compression Information\)](#)

- [2D Drawing](#) (DXF, Version O1)
- [3D Model](#) (IGES, Version O1)
- [3D Model](#) (STEP, Version O1)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(5\)](#)

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

Product Type Features:

- [Product Type](#) = Connector
- [Connector Type](#) = Connector Assembly
- [PCB Mounting Orientation](#) = Right Angle
- [Module Type](#) = Center

Termination Features:

- [Solder Tail Contact Plating](#) = Tin over Nickel
- [Termination Post Length](#) (mm [in]) = 2.27 [0.089]

Dimensions:

- [Card Slot Pitch](#) (mm [in]) = 25.4 [1]

Body Features:

- [Columns per Connector](#) = 10

Contact Features:

- [Contact Type](#) = Socket
- [Number of Signal Contacts](#) = 100
- [Contact Style](#) = Press Fit, Short Tail
- [Contact Base Material](#) = Copper Alloy
- [Contact Plating, Mating Area, Material](#) = Conforms to Performance Requirements of TE Connectivity Product Specification 108-1957; Based on Telcordia GR-1217-CORE, Applications in Uncontrolled Environments

Housing Features:

- [Connector Style](#) = Receptacle
- [Centerline](#) (mm [in]) = 2.00 [0.079]
- [Housing Material](#) = Polyester GF

Configuration Features:

- [Rows Per Connector](#) = 10

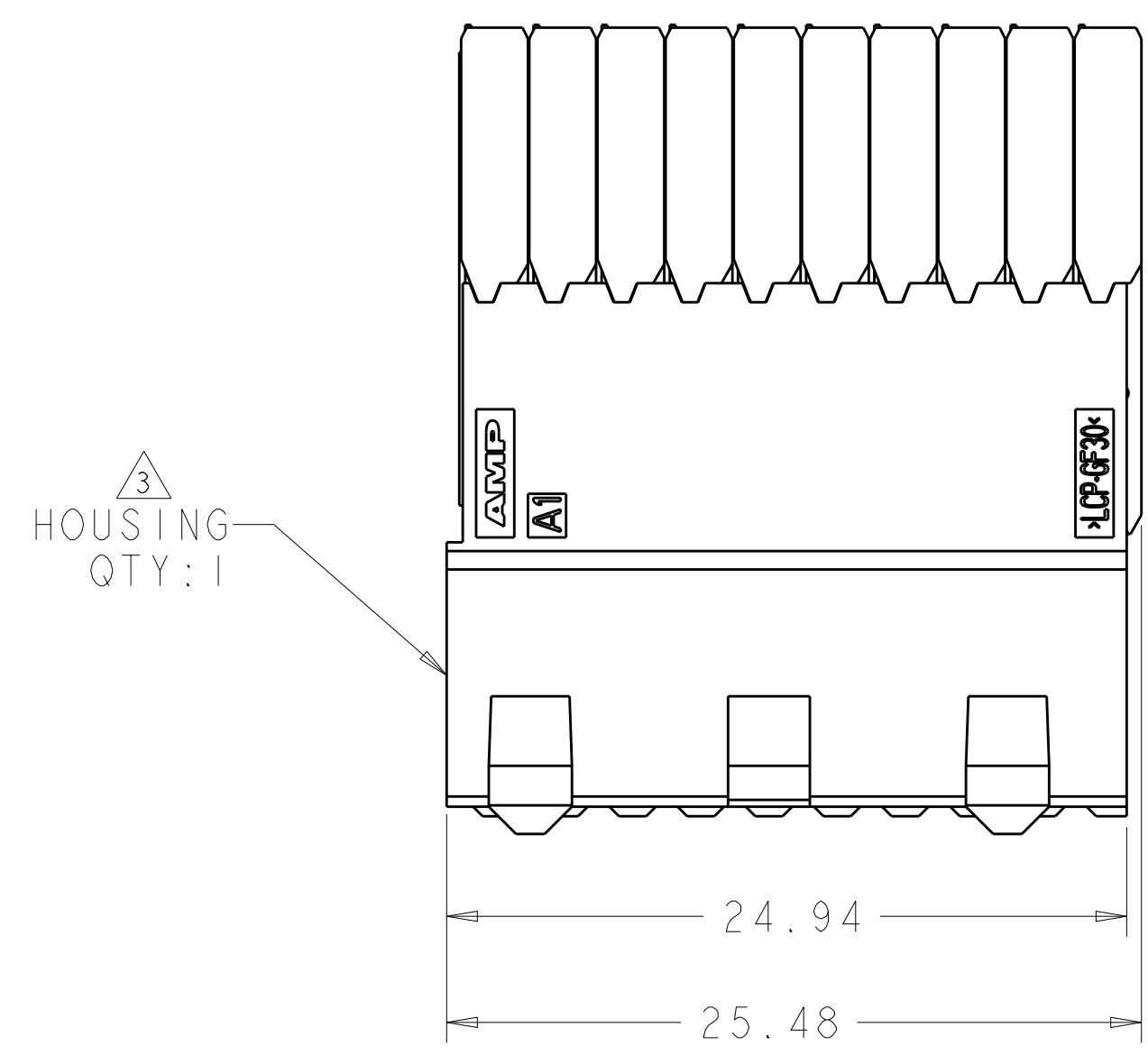
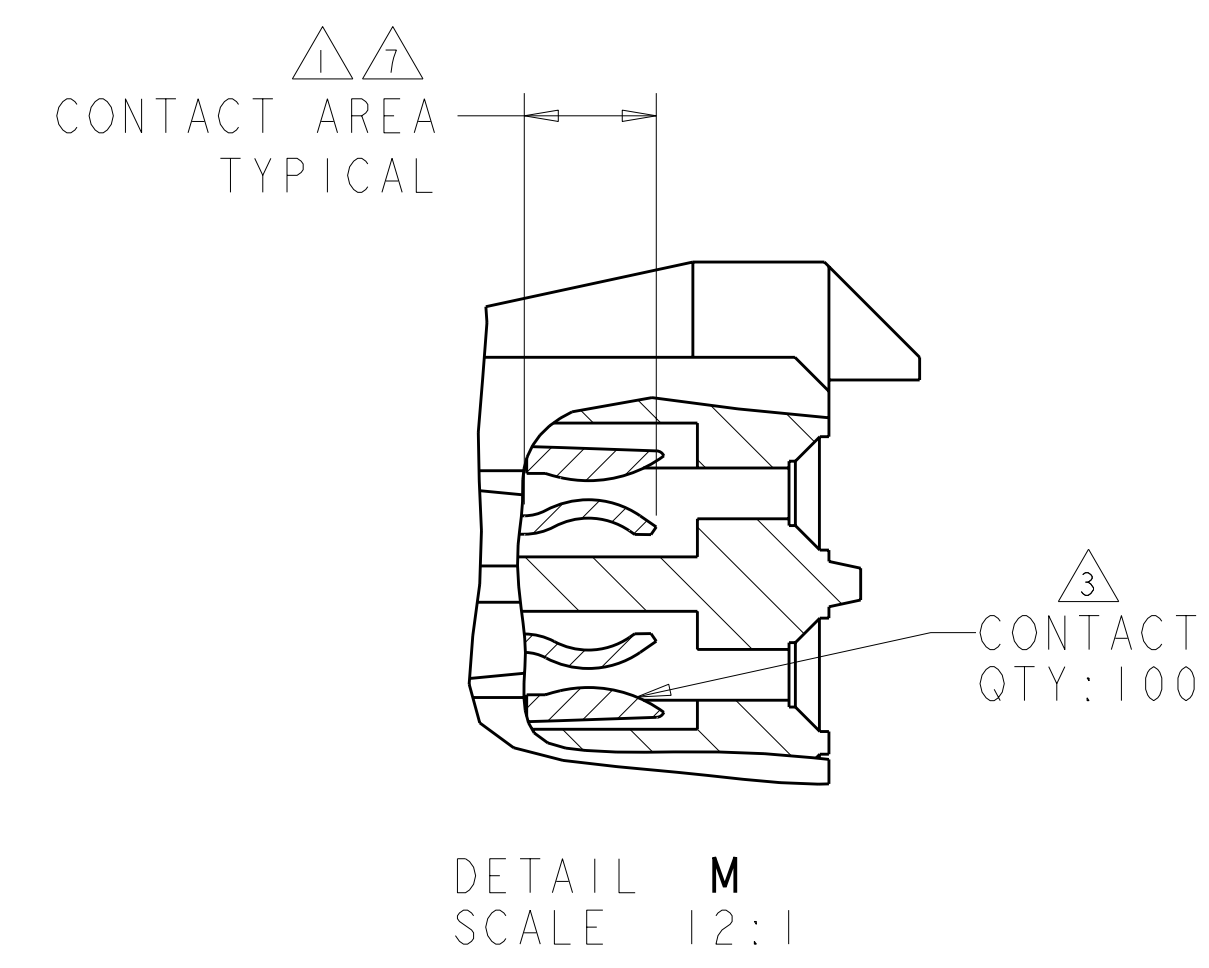
Industry Standards:

- [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

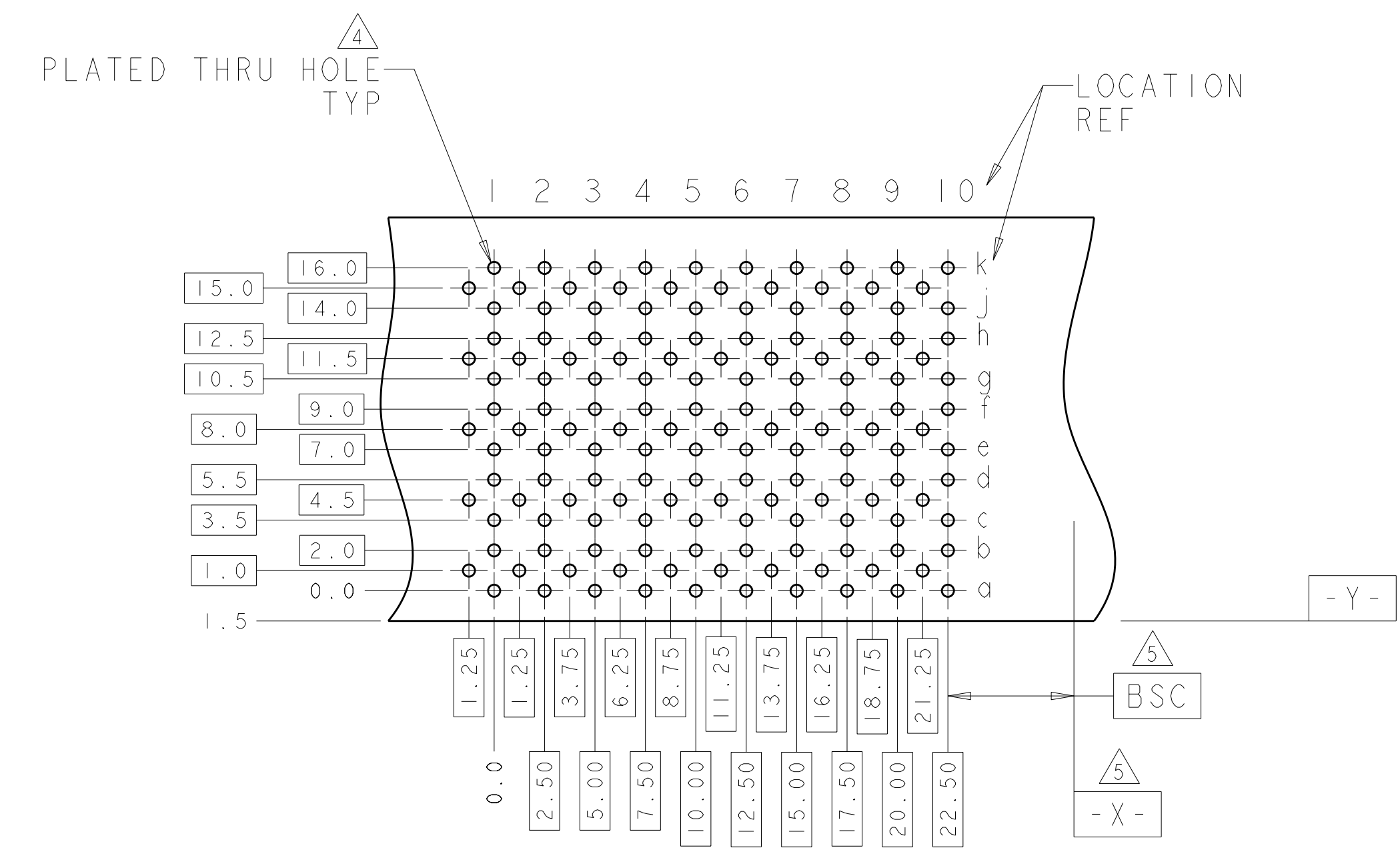
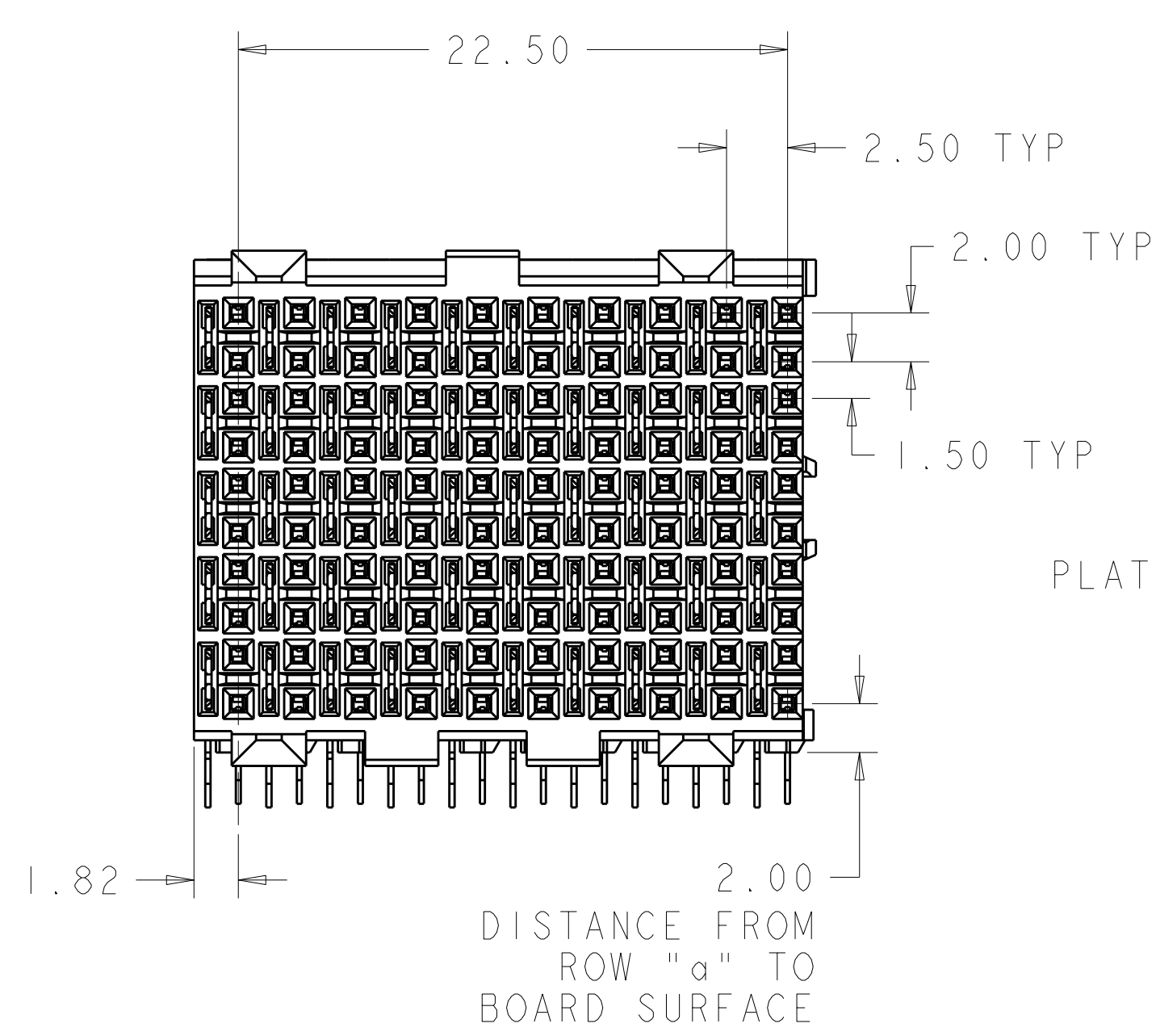
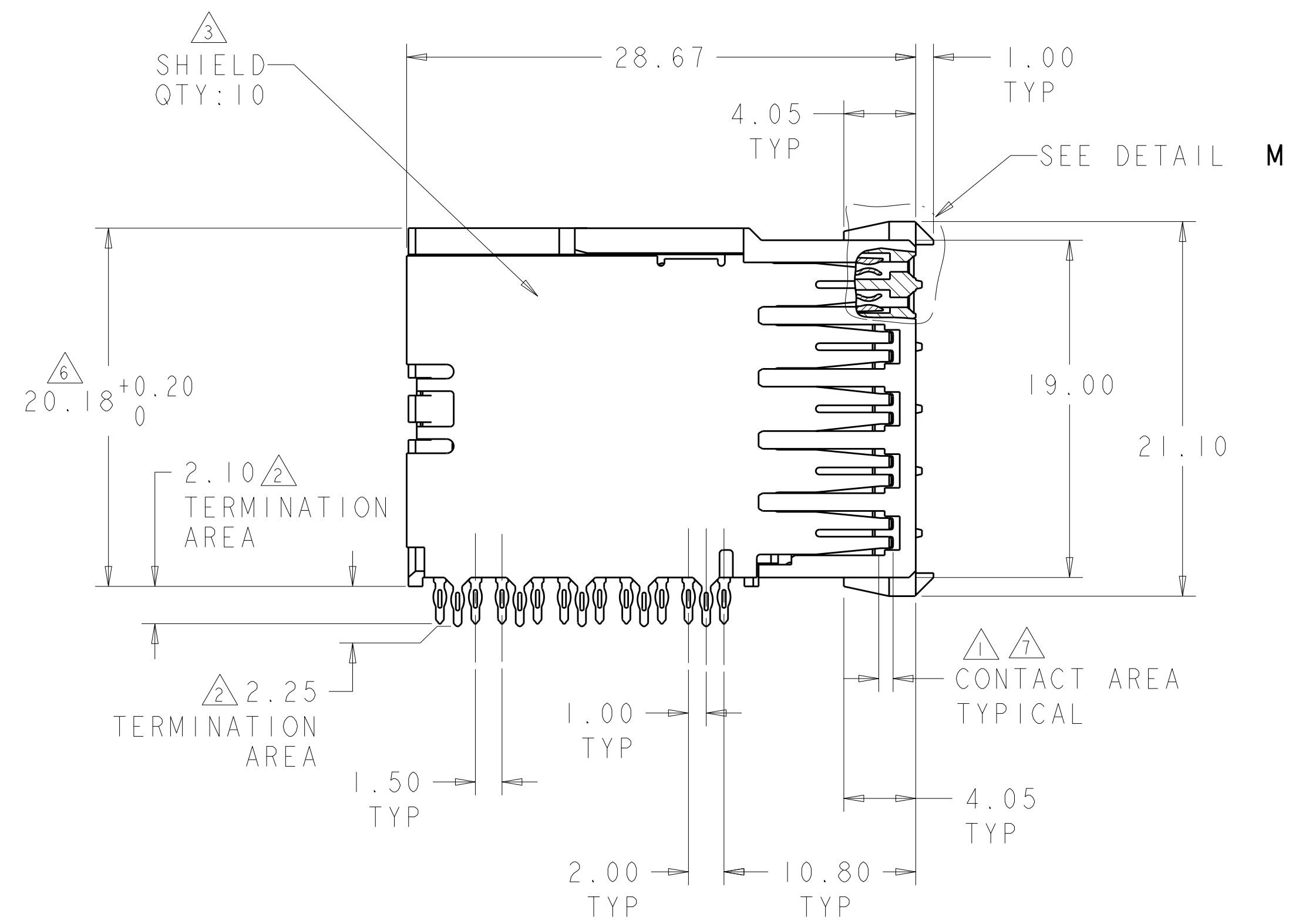
Other:

- [Brand](#) = AMP

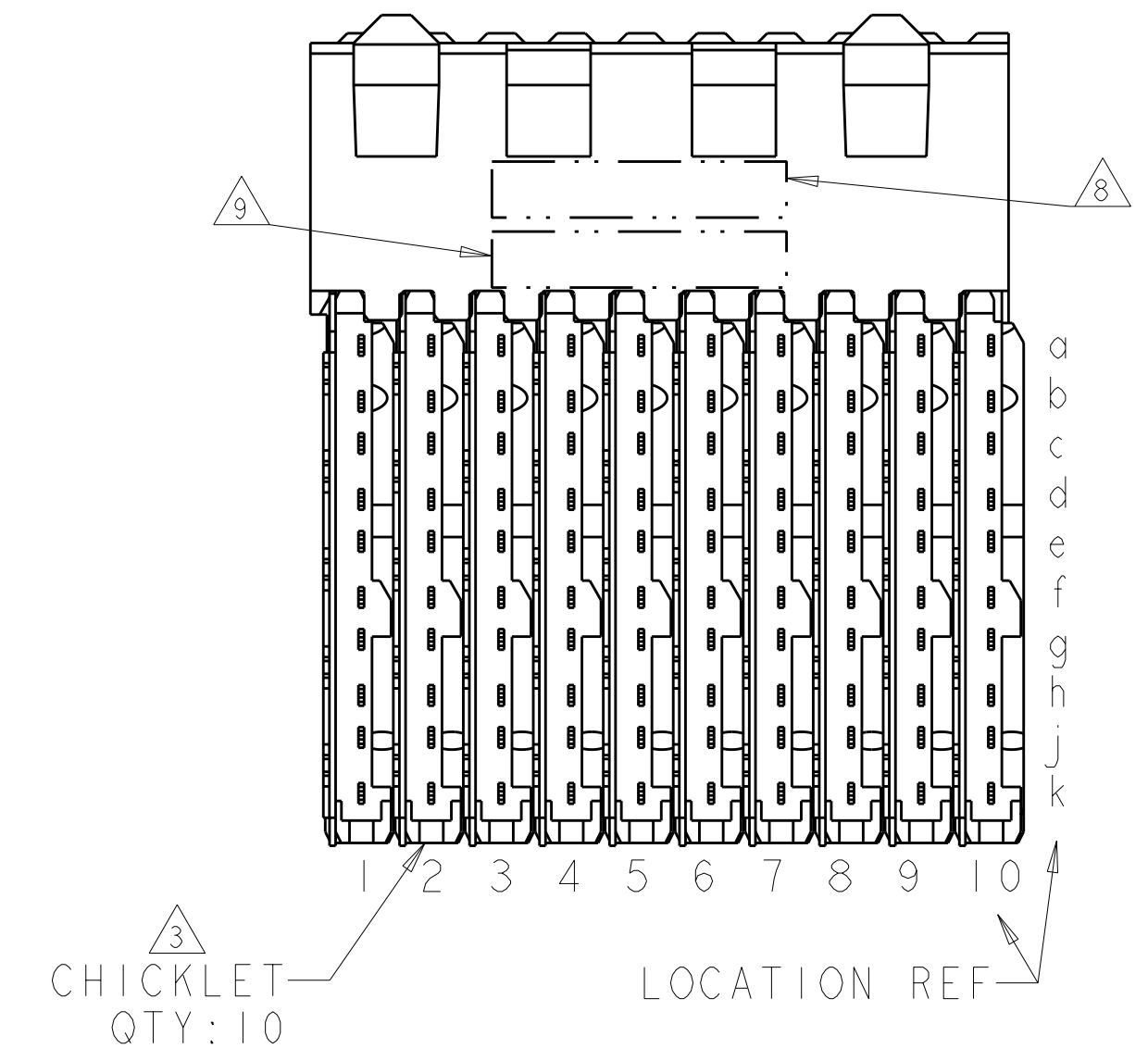
LOC		DIST		REV		REVISIONS	
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		REVISED PER ECO-11-013132	13JUL2011	HMR	MH



- △ CONTACT MATING AREA MEETS THE PERFORMANCE REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPECIFICATION 108-1957; BASED ON TELCORDIA GR-1217-CORE, APPLICATIONS IN UNCONTROLLED ENVIRONMENTS.
- △ 0.76µm MIN TIN OVER 1.27µm MIN NICKEL
- △ MATERIAL: CONTACT - COPPER ALLOY
SHIELD - PHOSPHOR BRONZE
HOUSING - LCP, UL94V-0
CHICKLET - GLASS FILLED POLYESTER
- △ REFERENCE APPLICATION SPEC 114-13020 FOR RECOMMENDED PLATED THRU HOLE DIAMETER AND PLATING THICKNESS.
- △ DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- △ SEATING HEIGHT TO BOARD SURFACE.
- △ CONTACT AREA LUBRICATED WITH BELLCORE APPROVED LUBRICANT. TECHNICAL REFERENCE: GR-1217-CORE, ISSUE 1, NOVEMBER 1995.
- △ DATE CODE
- △ PART NUMBER



RECOMMENDED PRINTED
CIRCUIT BOARD LAYOUT
COMPONENT SIDE OF PRINTED CIRCUIT BOARD



5120790-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: B. CARBO 08DEC04	TE Connectivity
DIMENSIONS: mm		CHK: R. PATTERSON 08DEC04	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: R. PATTERSON 08DEC04	NAME: RECEPTACLE ASSEMBLY, 100 POSITION 10 ROW, DUAL BEAM, Z-PACK HS3
9 PLC ±.2 1 PLC ±0.2 5 PLC ±0.13 4 PLC ±0.05 ANGLES ±.1		PRODUCT SPEC: 108-1957	
MATERIAL: 3		APPLICATION SPEC: 114-13020	SIZE: CAGE CODE DRAWING NO. RESTRICTED TO
FINISH: SOLDER TAIL 2		WEIGHT: -	A100779C=5120790
CONTACT: 1		CUSTOMER DRAWING	SCALE: 4:1 SHEET 1 OF 1 REV A