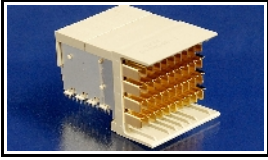


6469048-1 Product Details

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6469048-1

TE Internal Number: 6469048-1

 **Active**

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Z-PACK HM-Zd Connectors and Cable Assemblies

 Always EU RoHS/ELV Compliant
(Statement of Compliance)

Product Highlights:

- Connector
- Header
- 25.4 mm Card Slot Pitch
- PCB Mounting Orientation = Right Angle
- Contact Type = Pin

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [HEADER ASSEMBLY, RIGHT ANGLE, 4 PAIR, HMZd](#) (PDF, English)

Catalog Pages/Data Sheets:

- [The Complete Solution for AdvancedTCA](#) (PDF, English)
- [High Speed Backplane Connectors catalog - Z-PACK HM-...](#) (PDF, English)
- [Solutions for AdvancedTCA, AdvancedTCA 300, MicroTCA...](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

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

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(3\)](#)

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

Product Type Features:

- [Product Type](#) = Connector
- Connector Type = Header
- [PCB Mounting Orientation](#) = Right Angle

Termination Features:

- Contact Termination Type = Through Hole
- [Interface Type](#) = HM-Zd
- Termination Method = Press Fit
- Termination End Plating = Tin over Nickel

Dimensions:

- Card Slot Pitch (mm [in]) = 25.4 [1]
- Module Length (mm [in]) = 24.90 [0.980]

Housing Features:

- Centerline (mm [in]) = 2.50 [0.098]
- Housing Material = Polyester - GF

Configuration Features:

- Number of Pairs per Column = 4
- Number of Pairs per Connector = 40
- Sequenced Pins = No
- [Number of Positions](#) = 80

Industry Standards:

- AdvancedTCA Specified Product = No
- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant

Body Features:

- Columns per Connector = 10
- Selectively Loaded = No
- Shield Material = Phosphor bronze

Contact Features:

- Contact Type = Pin
- Contact Configuration = ACTION PIN Post
- Feedthrough Post Length (mm [in]) = 2.20 [0.087]
- Contact Base Material = Copper-Nickel-Silicon

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

Other:

- Brand = AMP

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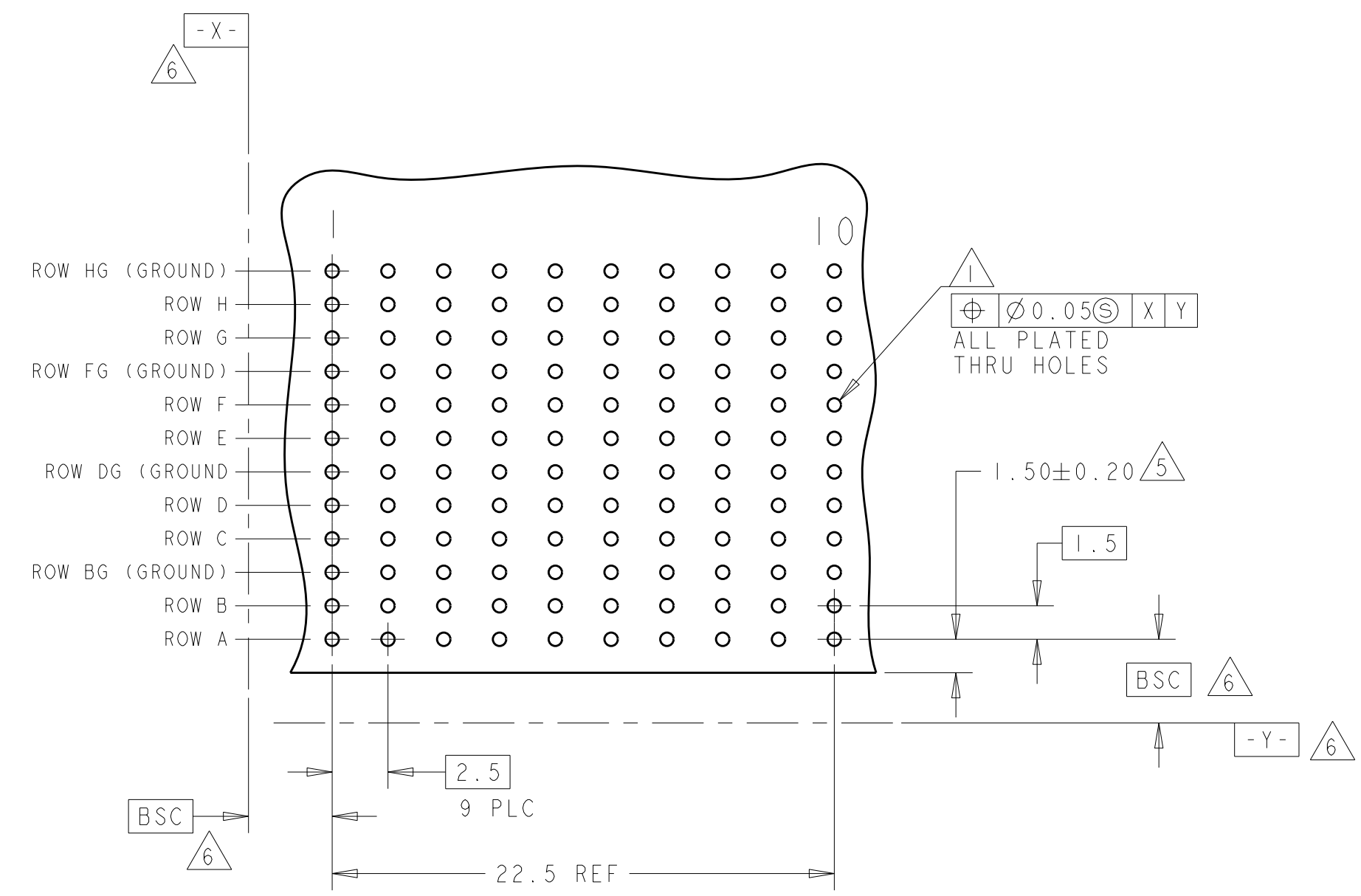
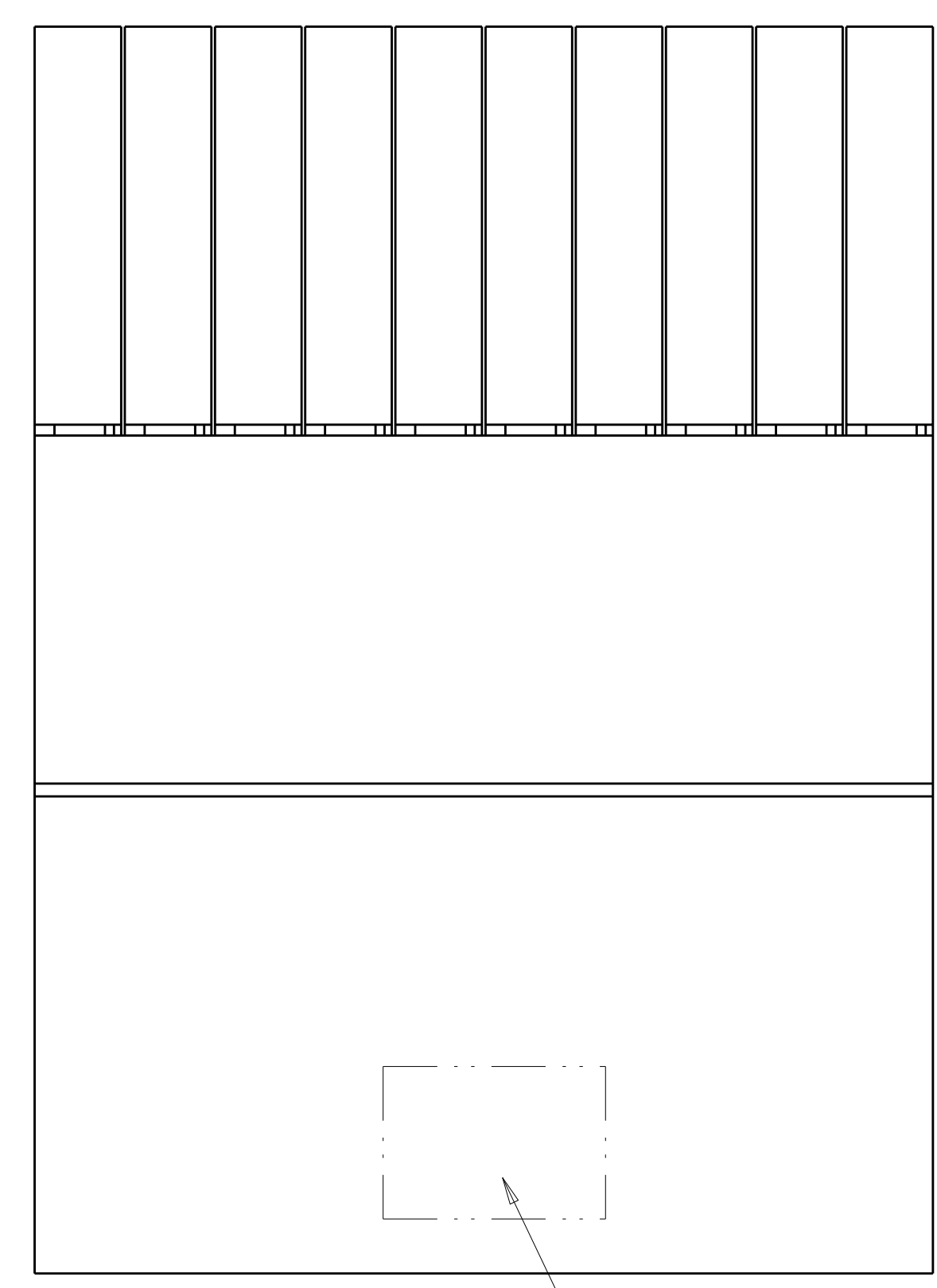
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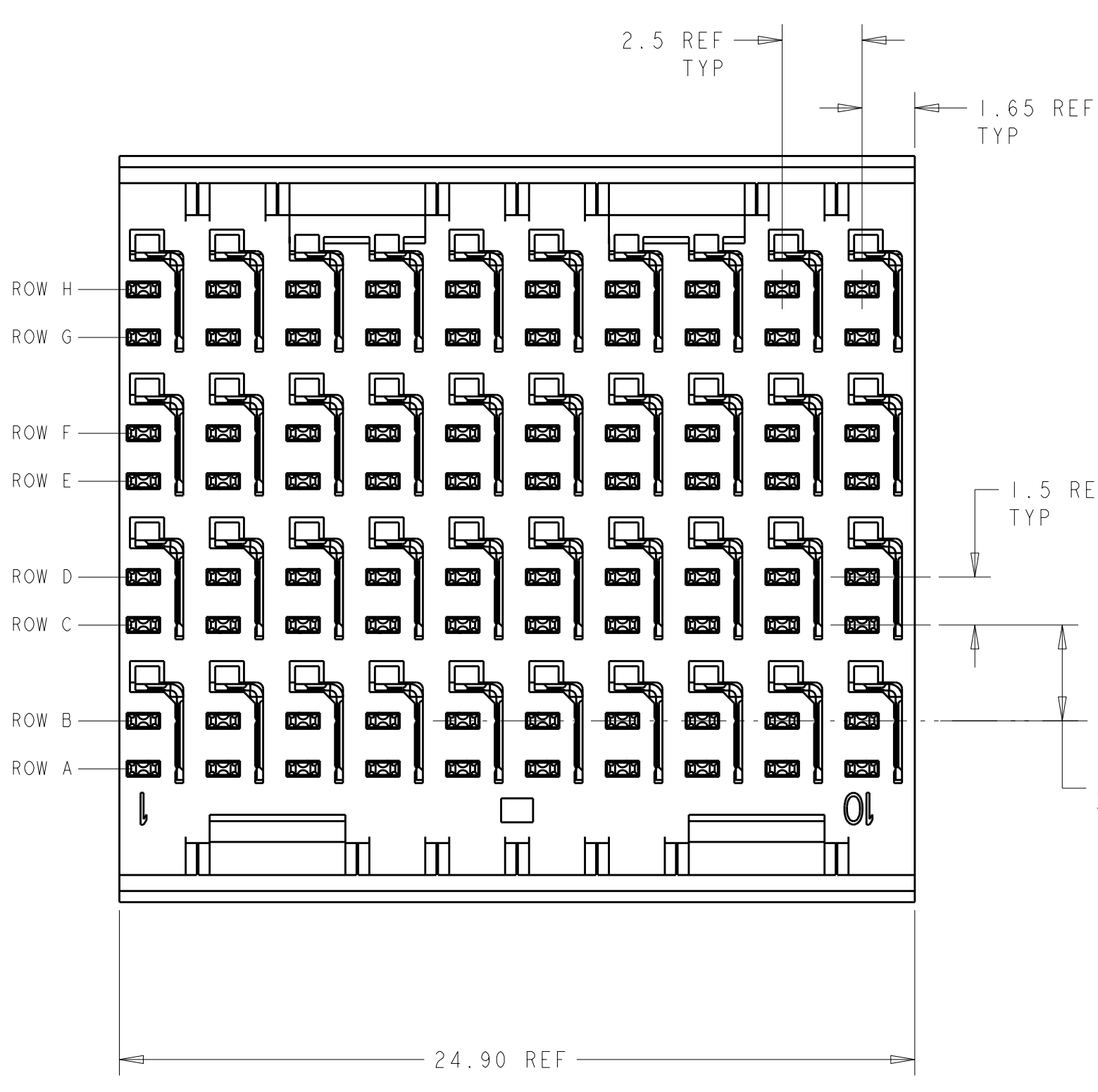
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AD	00	REV	DATE	BY	CHK	APPV	
B		REV PER ECO-11-007577	13APR2011	RKC	JE		

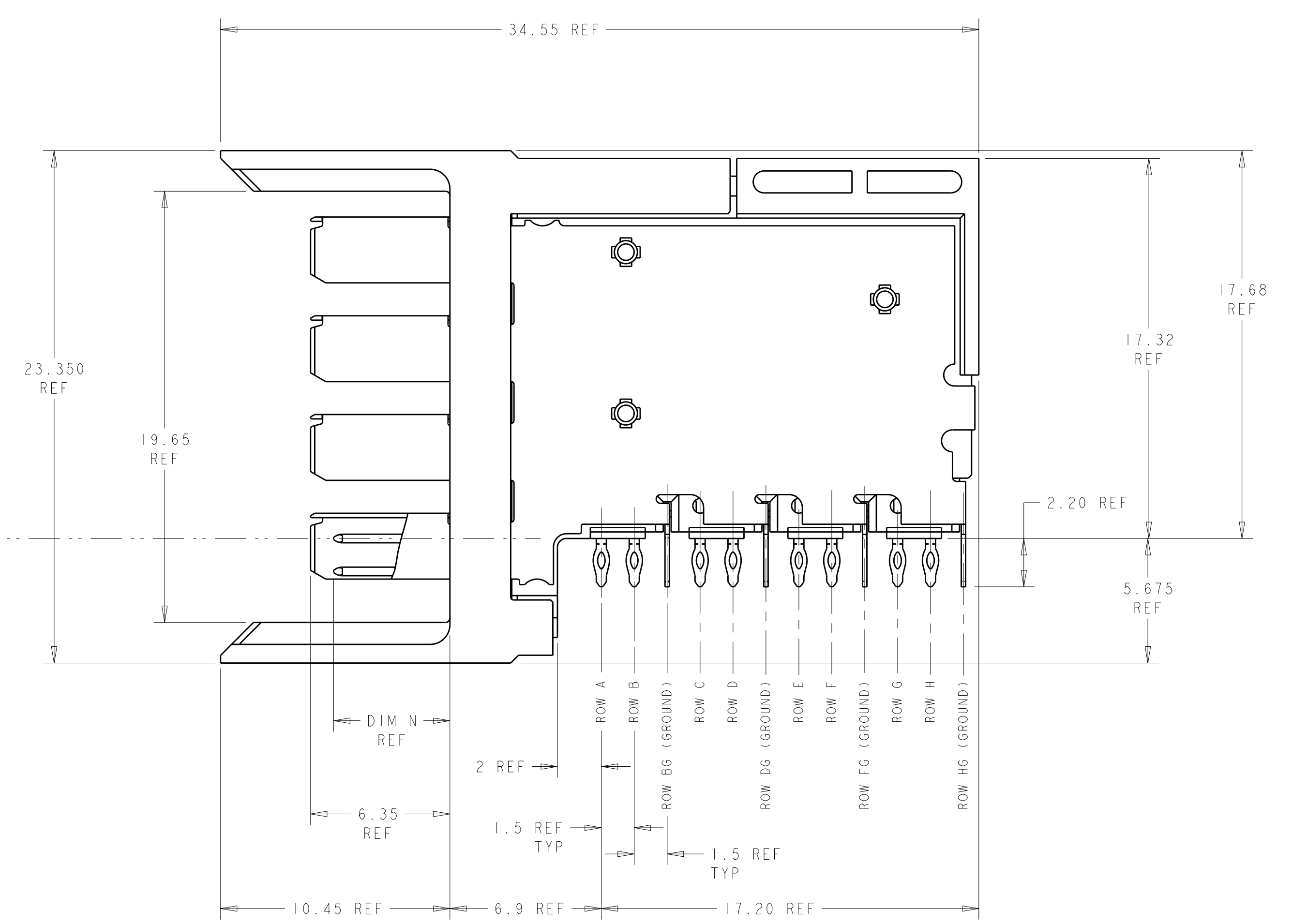


RECOMMENDED PC BOARD LAYOUT
 COMPONENT SIDE SHOWN
 SCALE 4:1

- 1. REFERENCE APPLICATION SPEC 114-13059 FOR RECOMMENDED PLATED THRU HOLE DIAMETER AND PLATING THICKNESSES.
- 2. MATERIAL:
 CONTACT & SHIELD - PHOSPHOR BRONZE
 HOUSING & CHICKLET - GLASS FILLED POLYESTER
- 3. FINISH: SIGNAL AND GROUND CONTACTS:
 MATING AREA: MEETS THE PERFORMANCE REQUIREMENTS OF PRODUCT SPECIFICATION 108-2055; BASED ON TELCORDIA GR-1217-CORE, APPLICATIONS IN UNCONTROLLED ENVIRONMENTS
 COMPLIANT PIN AREA: 0.5 μm MIN MATTE TIN OVER BASE PLATING
- 4. CONNECTOR MARKED WITH PART NUMBER AND DATE CODE IN APPROXIMATE AREA SHOWN
- 5. DIMENSION APPLIES TO CENTERLINE OF THRU HOLE
- 6. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- 7. CONTACT AREA LUBRICATED WITH BELLCORE APPROVED LUBRICANT. TECHNICAL REFERENCE: GR-1217-CORE, ISSUE 1, NOVEMBER 1995



TOP SURFACE OF DAUGHTER CARD



6469048-1
 PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: S.J. MAGARO 25JUN2004	TE Connectivity
DIMENSIONS: mm		CHK: R.A. PATTERSON 25JUN2004	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: -	NAME: HEADER ASSEMBLY, RIGHT ANGLE, 4 PAIR, HMZd
9 PLC ± 5 PLC ± 4 PLC ± 3 PLC ± 2 PLC ± ANGLES ±		PRODUCT SPEC: -	SIZE: A100779
MATERIAL: 2		APPLICATION SPEC: -	CAGE CODE: C=6469048
FINISH: 3		WEIGHT: -	DRAWING NO: -
CUSTOMER DRAWING		SCALE: 6:1	SHEET 1 OF 1