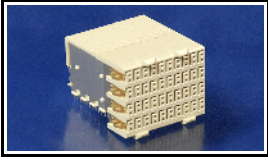


1469001-1 Product Details

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1469001-1

TE Internal Number: 1469001-1

 Active

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Z-PACK HM-Zd Connectors and Cable Assemblies

Not EU RoHS or ELV Compliant (Find RoHS Compliant Alternates)

Product Highlights:

- Connector
- Connector Assembly
- 25.4 mm Card Slot Pitch
- PCB Mounting Orientation = Right Angle
- Contact Type = Socket

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, 4 PAIR, HMZd](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [Two, Three and Four Pair HM-Zd Connectors](#) (PDF, English)

Application Specifications:

- [Z-PACK Hard Metric \(HM\)-Zd and HM-Zd Plus 2-, 3-, an...](#) (PDF, English)

Instruction Sheets:

- [EXTRACTION TOOL FOR HM-Zd CONN.\(REC\)\(TOOL P/N: 15960...](#) (PDF, English)

CAD Files: (CAD Format & Compression Information)

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(10\)](#)

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

Termination Features:

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

Dimensions:

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

Body Features:

- [Columns per Connector](#) = 10

Contact Features:

- [Contact Type](#) = Socket
- [Contact Configuration](#) = ACTION PIN Post
- [Contact Base Material](#) = Copper-Nickel-Silicon

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
- [Number of Positions](#) = 80

Industry Standards:

- [AdvancedTCA Specified Product](#) = Yes

- Selectively Loaded = No
- Shield Material = Phosphor bronze

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

Other:

- Brand = AMP

Corporate Information

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- [AODA Accessibility Policy](#)
- [AODA Multi-Year Accessibility Plan](#)

Quick Links

- [Distributor Inventory](#)
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- [Documents & Drawings](#)
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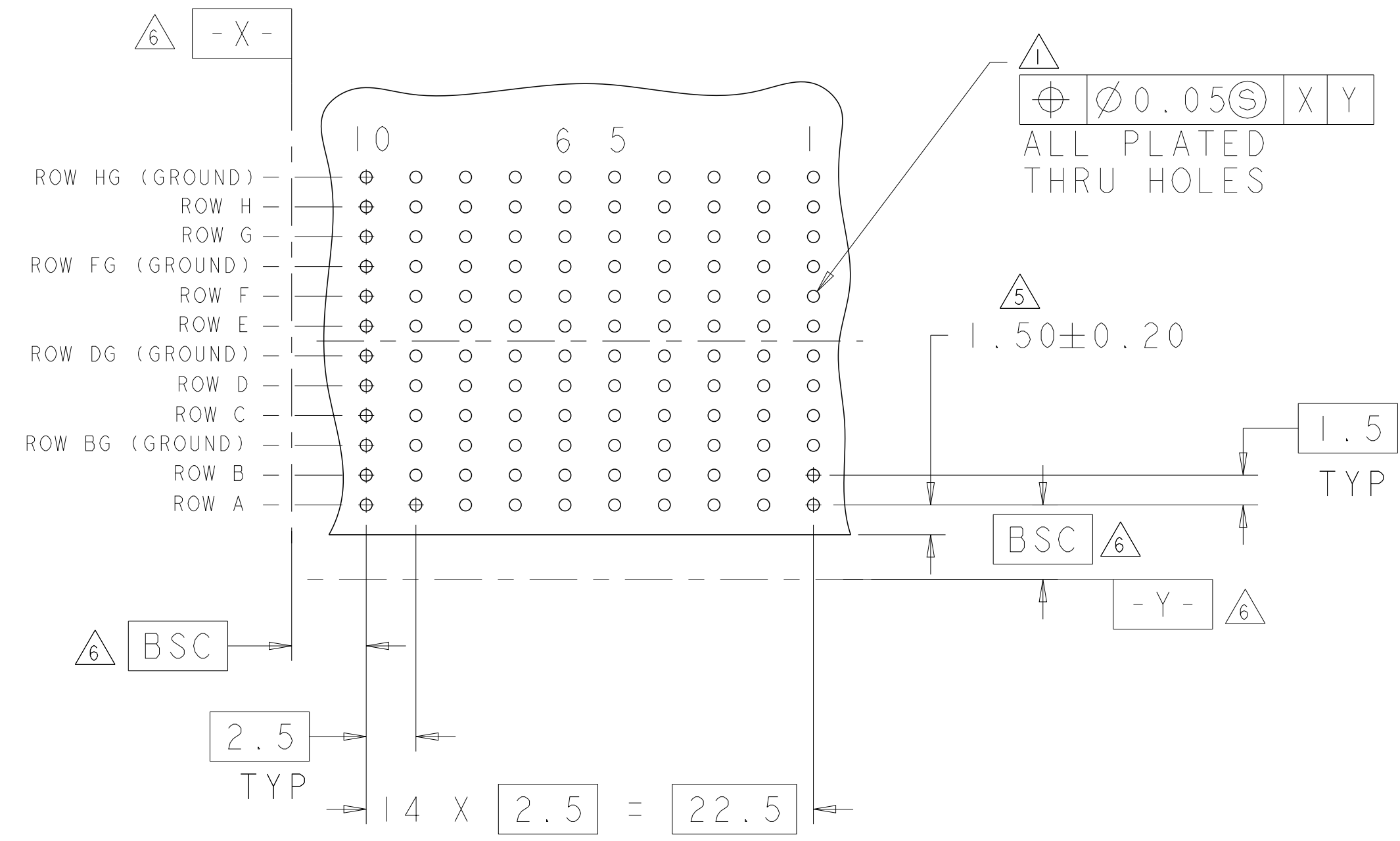
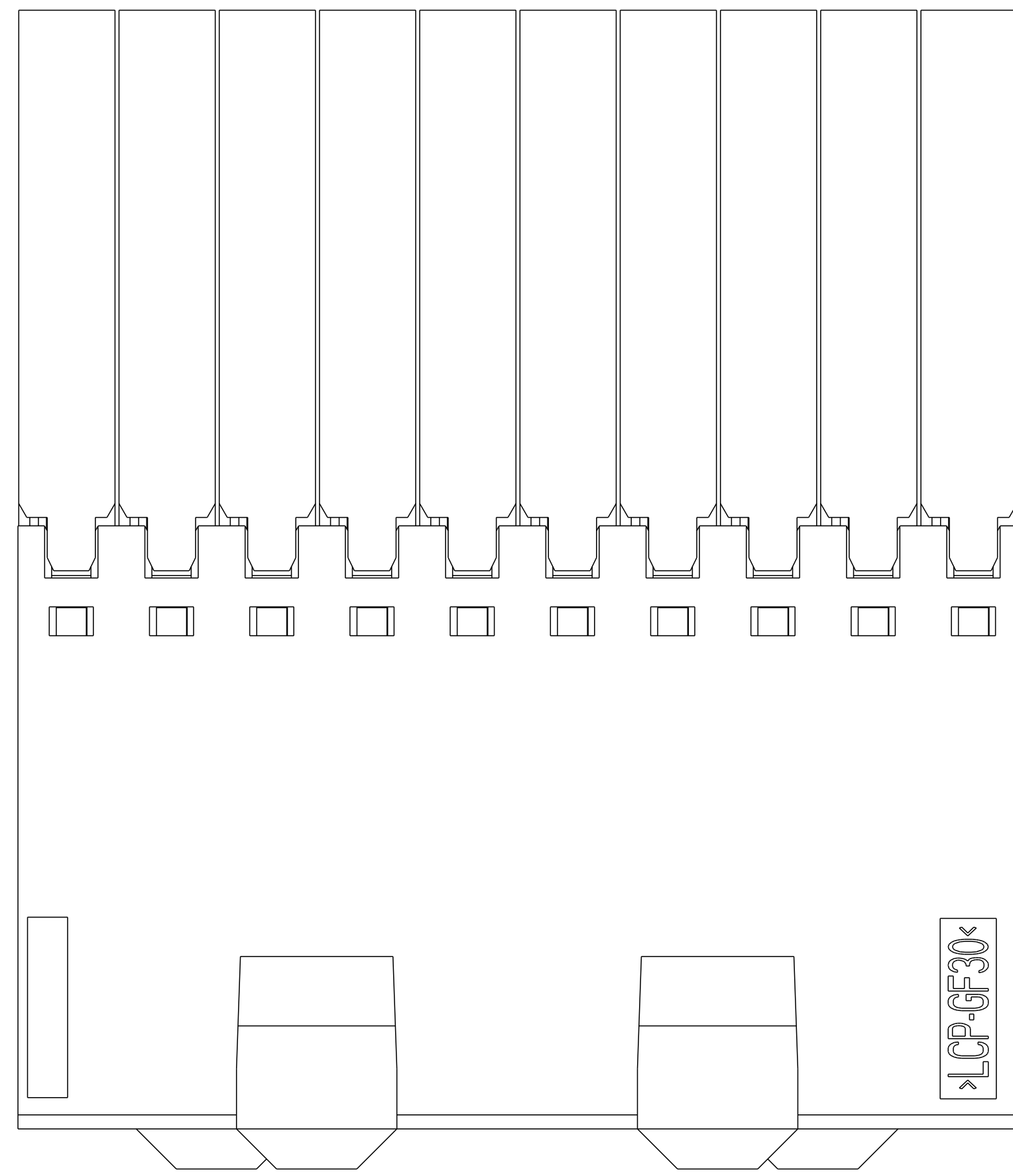
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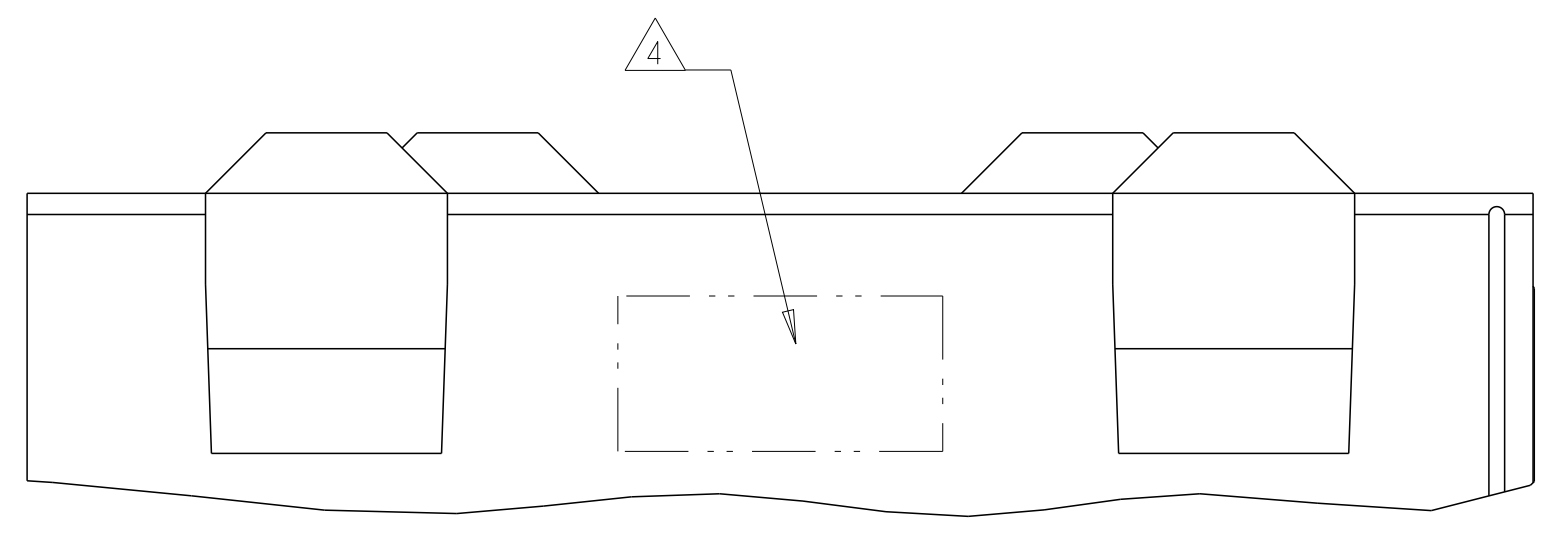
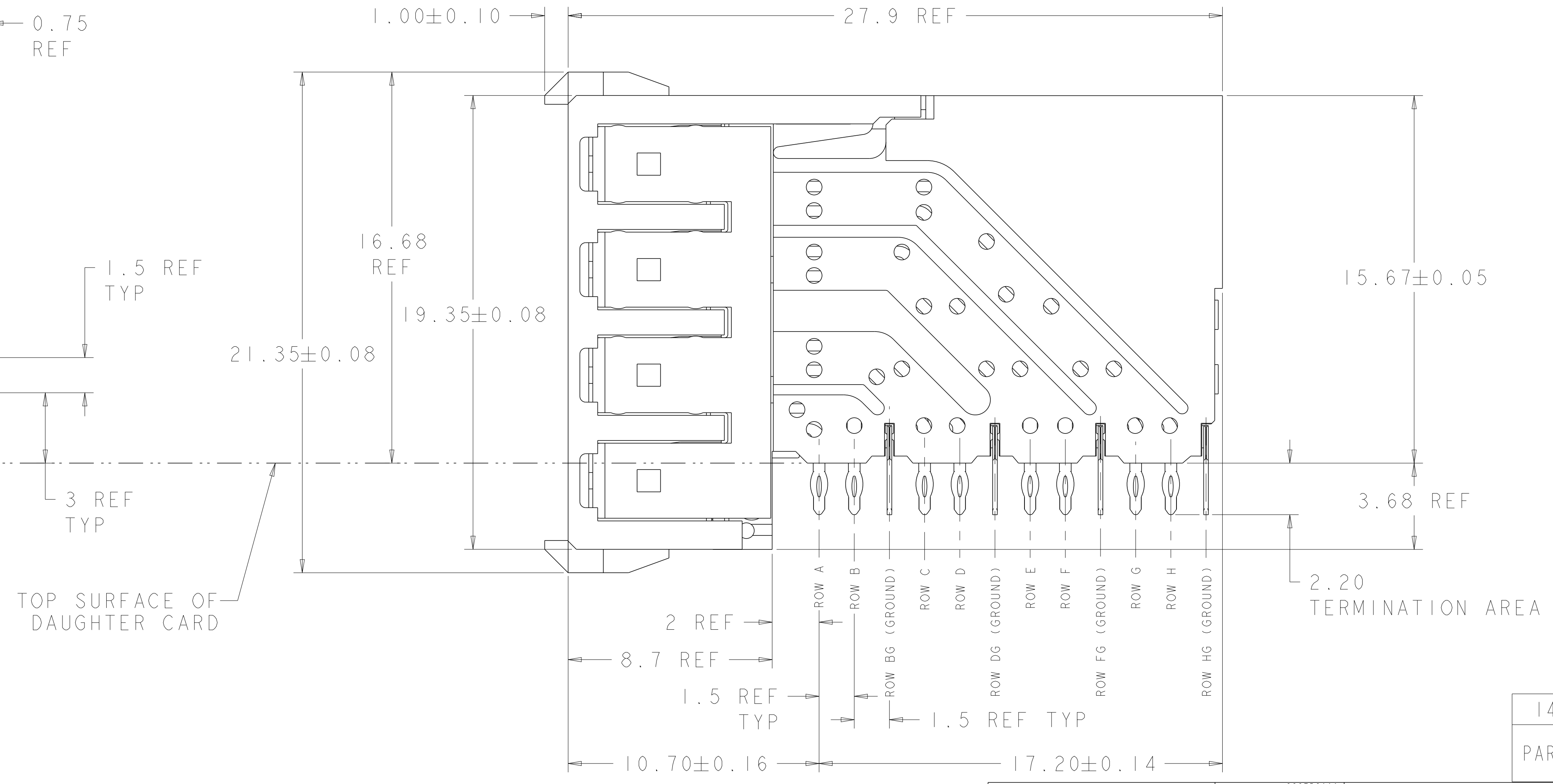
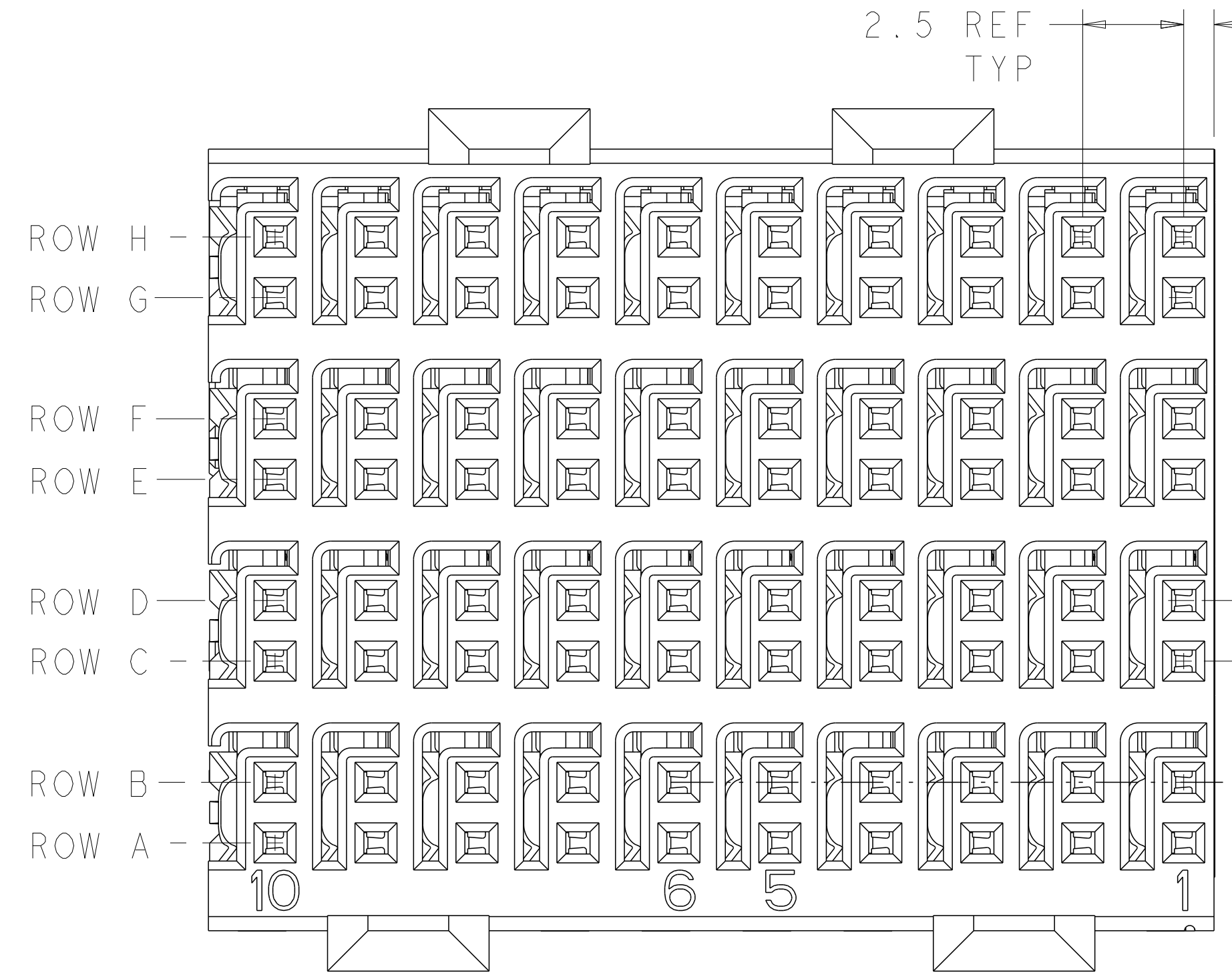


LOC		DIST		REVISIONS				
AD	00	P	LTH	DESCRIPTION	DATE	DMN	APVD	
		F		REVISED PER ECO-12-010079	08SEP2012	KH	JE	



RECOMMENDED PC BOARD LAYOUT,
 DAUGHTER BOARD,
 COMPONENT SIDE SHOWN
 SCALE 4:1

- 1. REFERENCE APPLICATION SPEC 114-13059 FOR RECOMMENDED PLATED THRU HOLE DIAMETER AND PLATING THICKNESSES.
- 2. MATERIAL:
 SHIELD - PHOSPHOR BRONZE
 CONTACT - COPPER-NICKEL-SILICON
 HOUSING, CHICKLET AND CHICKLET COVER - GLASS FILLED POLYESTER, UL 94V-0 RATED.
- 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: 0.5µm MIN BRIGHT TIN-LEAD 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.



1469001-1
 PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN S. KLINGE/LAM 28SEP2000	TE Connectivity
DIMENSIONS:		CHK S. KLINGE 28SEP2000	
mm	0 PLC ±	APVD S. KLINGE 28SEP2000	NAME RECEPTACLE ASSEMBLY, 4 PAIR, HMZd
	1 PLC ±	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO
	2 PLC ±	APPLICATION SPEC	A100779C=1469001
	3 PLC ±	WEIGHT	RESTRICTED TO
	4 PLC ±	CUSTOMER DRAWING	SCALE 8:1 SHEET 1 OF 1 REV F
	ANGLES ±		
	FINISH ±		