

## 1469081-1 Product Details

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**1469081-1**

TE Internal Number: 1469081-1

Active

[View 3D PDF](#)

### Z-PACK HM-Zd Connectors and Cable Assemblies

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

#### Product Highlights:

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

[View all Features](#)

### Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(4\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#) [Request Sample](#) [Find Similar Products](#) [Buy Product](#)

### Documentation & Additional Information

#### Product Drawings:

- [RECEPTACLE ASSEMBLY, 3 PAIR, 25mm, HMZd \(PDF, English\)](#)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

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

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

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

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

[List all Documents](#)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)
- [Mating Products \(4\)](#)

### 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 \[in\]\)](#) = 20.3 [0.8]
- [Module Length \(mm \[in\]\)](#) = 24.90 [0.980]

#### Body Features:

- [Columns per Connector](#) = 10
- [Selectively Loaded](#) = No
- [Shield Material](#) = Phosphor bronze

#### 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](#) = 3
- [Number of Pairs per Connector](#) = 30
- [Number of Positions](#) = 60

#### Industry Standards:

- [AdvancedTCA Specified Product](#) = No
- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process

#### Other:

- [Brand](#) = AMP

### Corporate Information

- [About TE](#)
- [Investors](#)
- [News Room](#)
- [Supplier Portal](#)

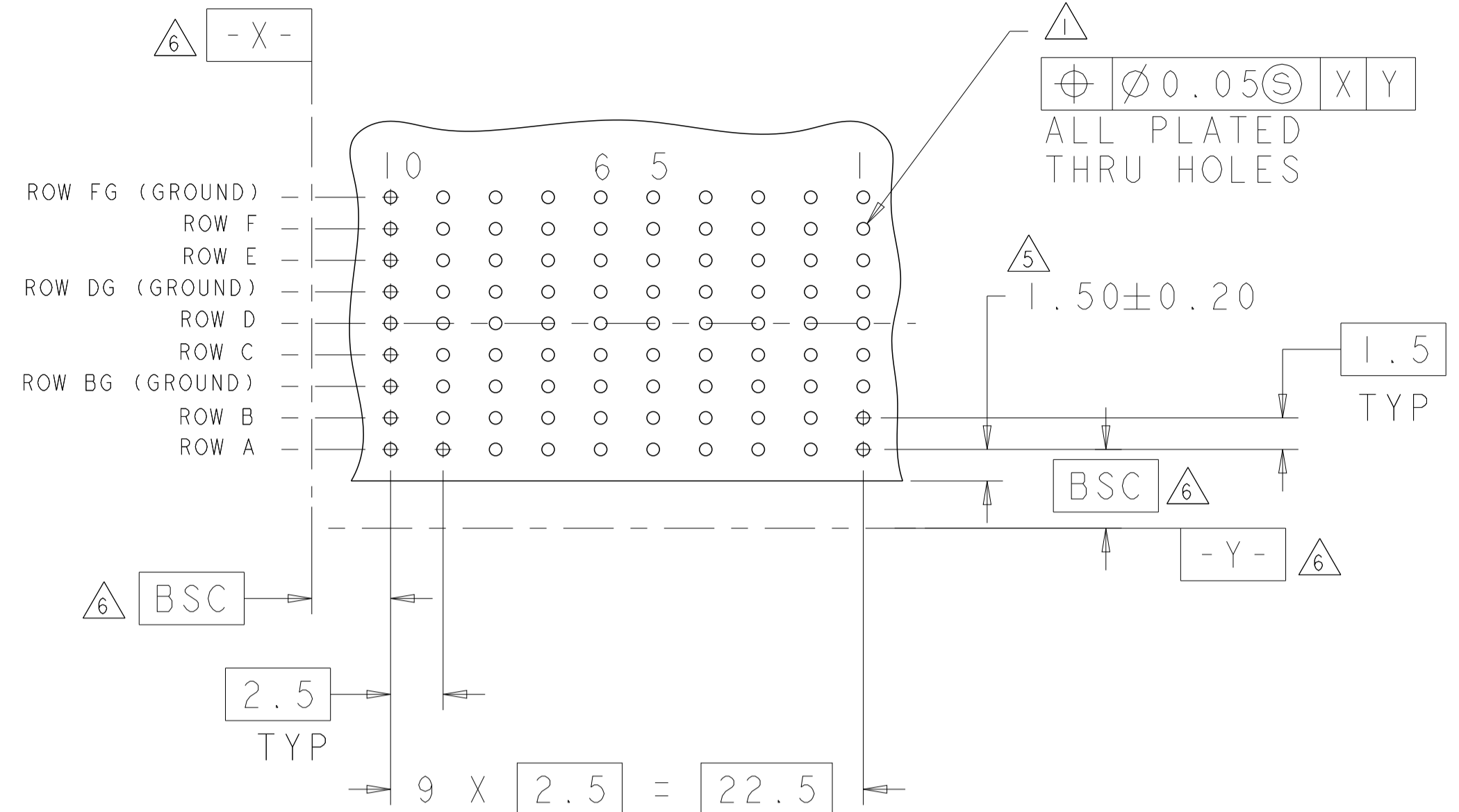
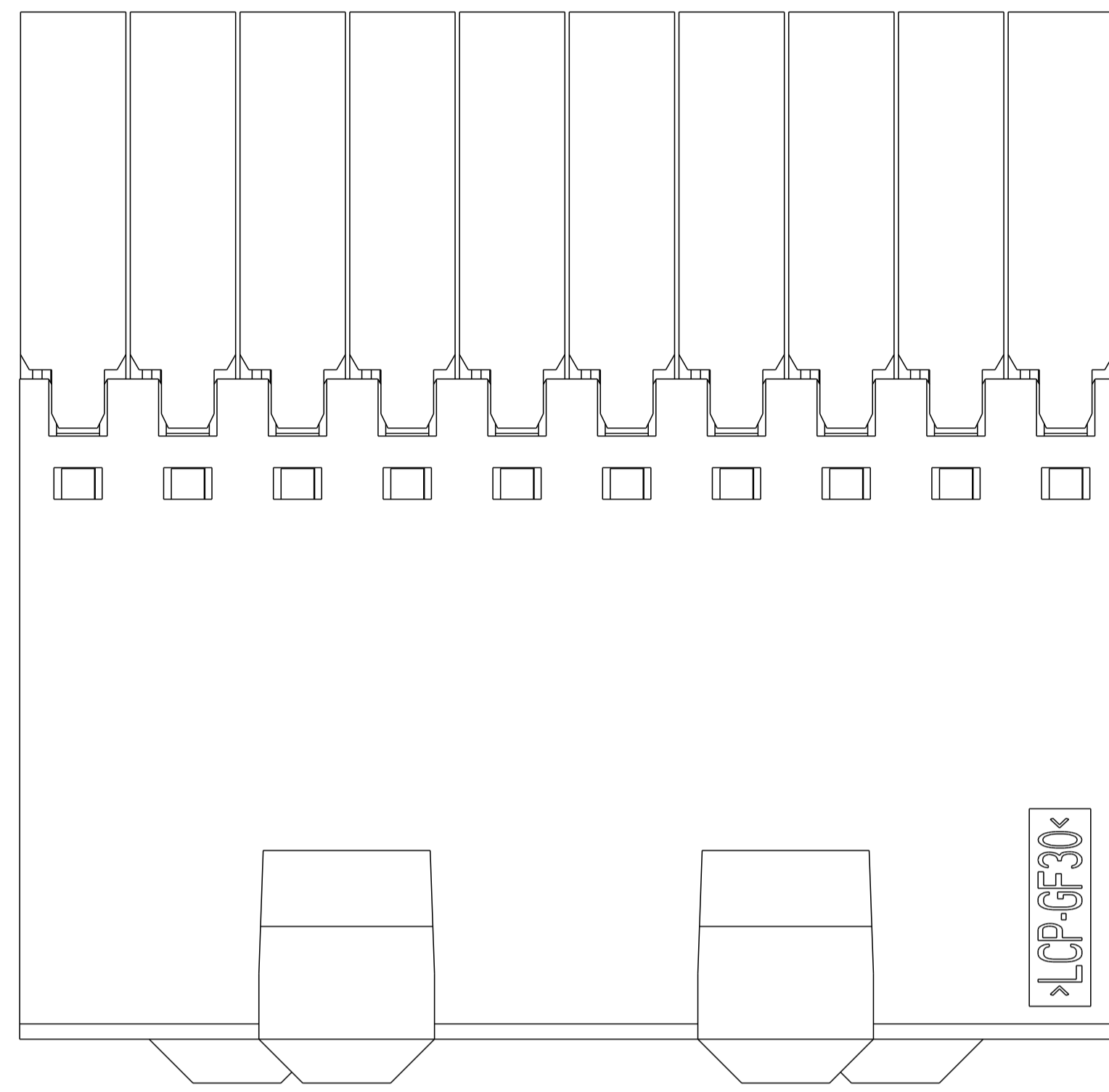
### Quick Links

- [Distributor Inventory](#)
- [Product Cross Reference](#)
- [Documents & Drawings](#)
- [Product Compliance Support Center](#)

### Customer Support

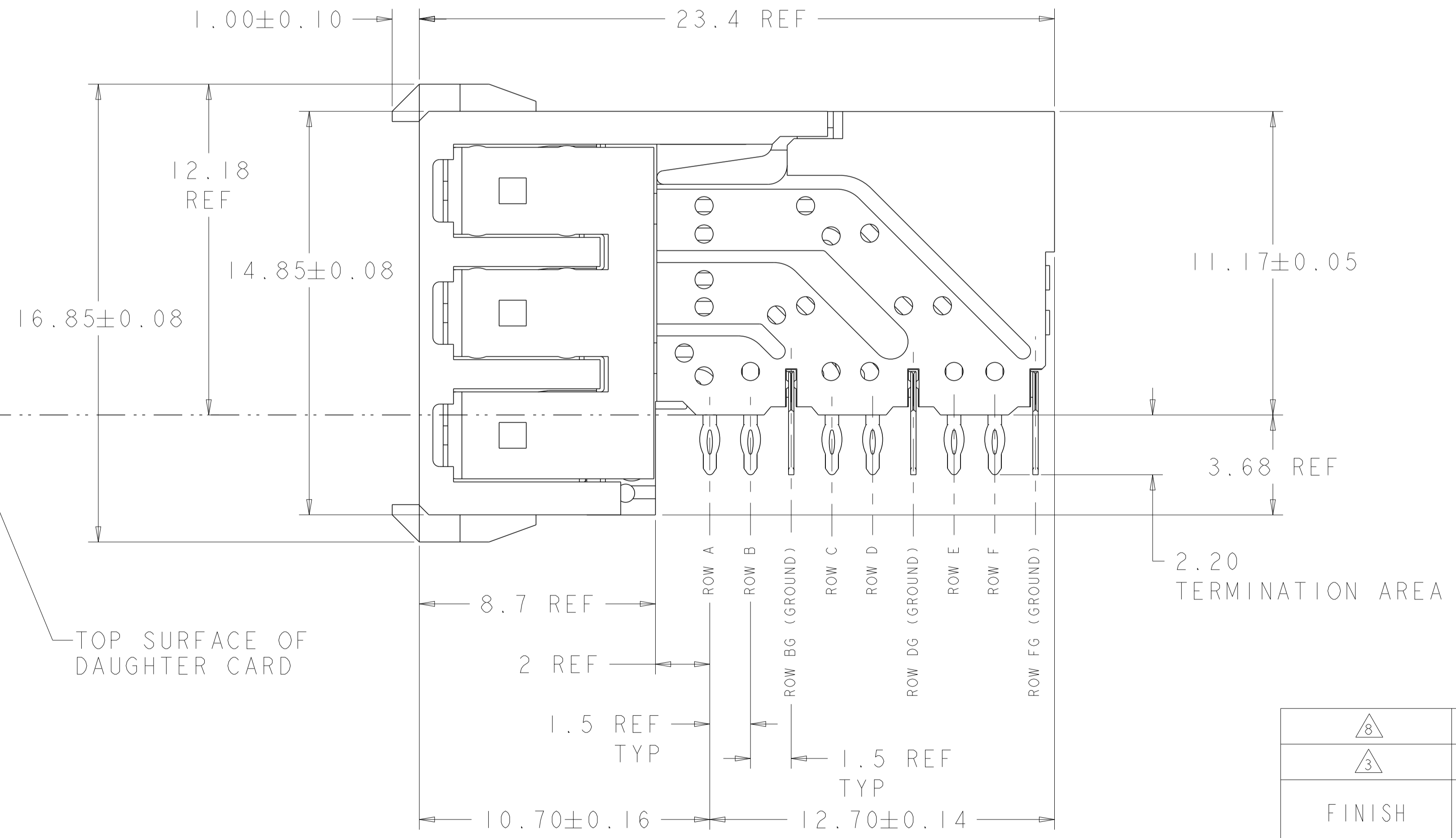
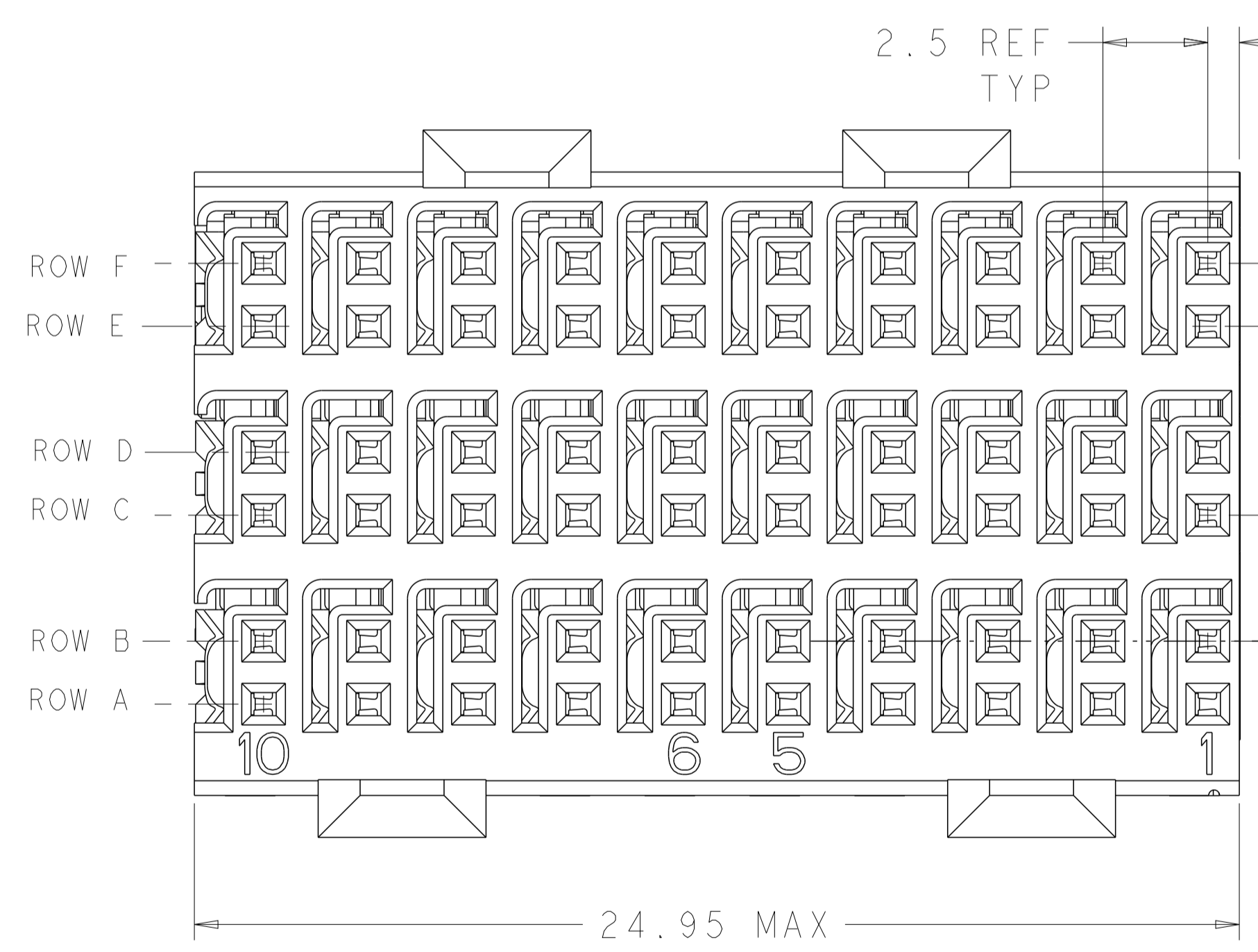
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LOC		DIST		REVISIONS			
P	LTN	DATE	DMN	APVD			
D		REVISED PER ECO-12-010079	08SEP2012	KH	JE		



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

- △ REFERENCE APPLICATION SPEC 114-13059 FOR RECOMMENDED PLATED THRU HOLE DIAMETER AND PLATING THICKNESSES.
- △ MATERIAL:  
 SHIELD - PHOSPHOR BRONZE  
 CONTACT - COPPER-NICKEL-SILICON  
 HOUSING, CHICKLET AND CHICKLET COVER - GLASS FILLED POLYESTER, UL 94V-0 RATED.
- △ 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
- △ CONNECTOR MARKED WITH PART NUMBER AND DATE CODE IN APPROXIMATE AREA SHOWN.
- △ DIMENSION APPLIES TO CENTERLINE OF THRU HOLE
- △ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- 7. CONTACT AREA LUBRICATED WITH BELLCORE APPROVED LUBRICANT. TECHNICAL REFERENCE: GR-1217-CORE, ISSUE 1, NOVEMBER 1995.
- △ FINISH: CONTACT AND SHIELD  
 MATING AREA - 1.27µm MIN GOLD OVER 1.27µm MIN NICKEL  
 COMPLIANT PIN AREA - 0.05µm MIN BRIGHT TIN-LEAD OVER 1.27µm MIN NICKEL



TOP SURFACE OF DAUGHTER CARD

△ 8	1469081-2
△ 3	1469081-1
FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DMN	S. MAGARO	13MAY2002
CHK	N. SCHROLL	13MAY2002
APVD	H. PATTERSON	16MAY2007

TE Connectivity

RECEPTACLE ASSEMBLY,  
 3 PAIR, 25mm, HMZd

SIZE: A100779 C=1469081

SCALE: 8:1 SHEET 1 OF 1 REV D