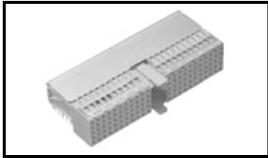


## 5352068-1 Product Details

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**5352068-1**

TE Internal Number: 5352068-1

 Active

[View 3D PDF](#)

### 2mm Hard Metric PCB Mount Connectors (Z-PACK 2mm HM)

 Always EU RoHS/ELV Compliant  
(Statement of Compliance)

#### Product Highlights:

- Connector
- Connector Assembly
- Connector Style = Receptacle
- Type = Type A
- Interface Type = 2mm HM

[View all Features](#)

#### Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(8\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

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

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### Documentation & Additional Information

#### Product Drawings:

- [Z-PACK 2mm HM TYPE A - 25 COLUMNS PRE-SHIELDED RECEP...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- [Z-Pack 2 mm HM CONNECTORS](#) (PDF, English)

#### Application Specifications:

- [Z-PACK 2mm HM Interconnection System for Board-to-Bo...](#) (PDF, English)

#### Instruction Sheets:

- None Available

#### CAD Files: (CAD Format & Compression Information)

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

[List all Documents](#)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)
- [Mating Products \(8\)](#)

### 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

#### Mechanical Attachment:

- [Board Mount](#) = Free Board

#### Termination Features:

- [Interface Type](#) = 2mm HM
- Termination End Plating = Tin over Nickel

#### Dimensions:

- [Module Length \(mm \[in\]\)](#) = 50.00 [1.968]

#### Body Features:

#### Housing Features:

- Connector Style = Receptacle
- [Mating Alignment](#) = With
- [Mating Alignment Type](#) = Multi-Purpose Center
- Housing Color = Gray
- Housing Material = Polyester - GF

#### Configuration Features:

- [Number of Rows](#) = 5
- [Number of Positions](#) = 110
- [Crosstalk Version](#) = Standard
- [Shielded](#) = Yes
- Rows Loaded = C, B, A, D, E
- Shield Type = Ground Return Shielding
- Shield Style = Upper

- [Type](#) = Type A
- CompactPCI Designation = J1, J4

**Contact Features:**

- Contact Configuration = ACTION PIN Post, Signal
- [Feedthrough Post Length \(mm \[in\]\)](#) = 3.70 [0.145]
- CompactPCI = Yes
- [Contact Plating, Mating Area, Material](#) = Performance-Based
- [Grounding Contact](#) = Without
- Contact Style = Short Tail
- Number of Signal Contacts = 110
- Contact Base Material = Phosphor Bronze

**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
- UL Flammability Rating = UL 94V-0

**Other:**

- Brand = AMP
- Comment = Female connector with pre-installed shield.

**Corporate Information**

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- [Supplier Portal](#)
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- [Terms & Conditions](#)
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- [AODA Accessibility Policy](#)
- [AODA Multi-Year Accessibility Plan](#)

**Quick Links**

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

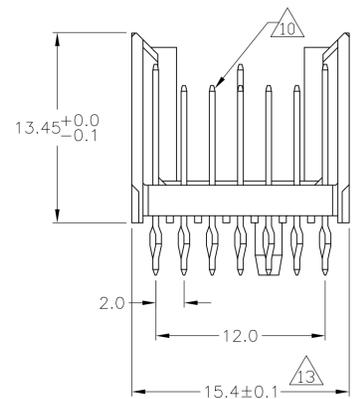
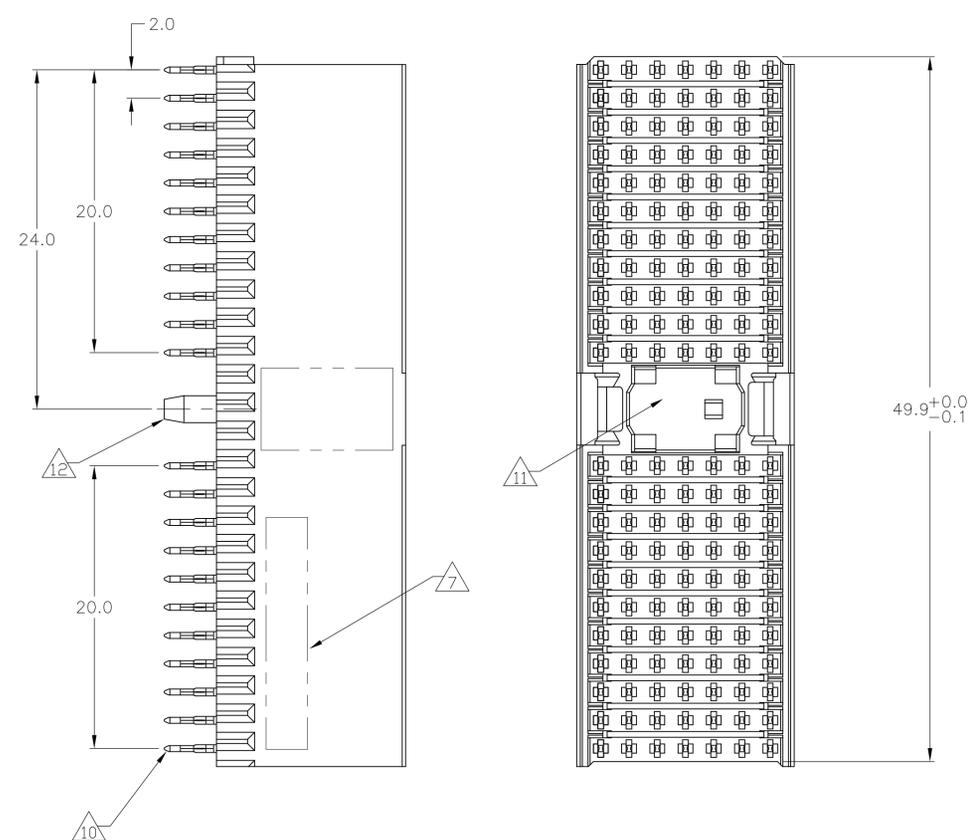
**Customer Support**

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- [Find a Phone Number](#)
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- [Manage Your Account](#)

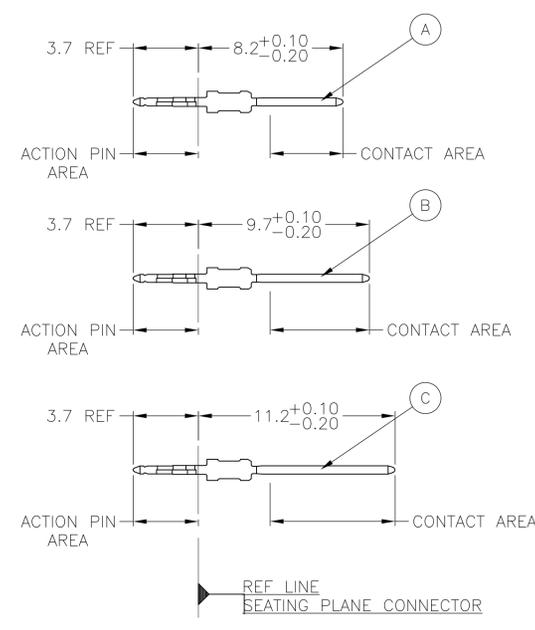
**Keep Me Informed**



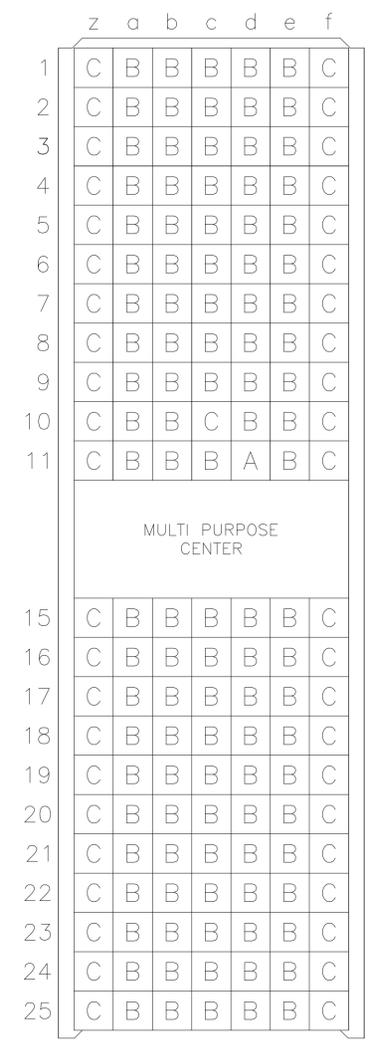
### CONNECTOR ASSEMBLY EXAMPLARY LOADED



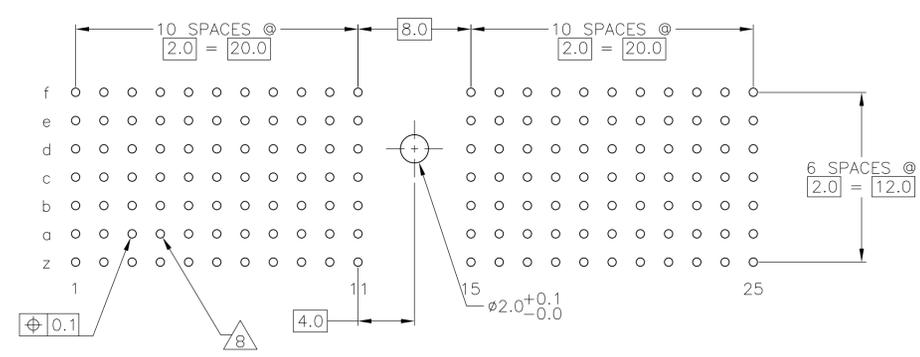
### CONTACT DIMENSIONS SCALE 5:1



### CONTACT LAYOUT



### RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN



### PLATED THRU HOLES PARAMETERS REFERENCE APPLICATION SPECIFICATION

2 6 14	1-5188834-9
2 5 14	5188834-9
2 4 14	5188834-4
2 3 14	5188834-1
FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN B CARBO 15JUL05	STE TE Connectivity	
DIMENSIONS: mm		CHK G SKIPPER 15JUL05	NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD G SKIPPER 15JUL05	PRODUCT SPEC 108-19082	
0-PLC ±		APPLICATION SPEC 114-19029		
1-PLC ±0.1		SIZE A1		
2-PLC ±		CAGE CODE 00779		
3-PLC ±		DRAWING NO 5188834		
4-PLC ±		RESTRICTED TO		
ANGLES ±		WEIGHT		
FINISH SEE TABLE		CUSTOMER DRAWING		
SCALE 4:1		SHEET 1 OF 2		
REV A1		REV A1		

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DN	APVO		
-	-	SEE SHEET 1	-	-	-	-	-

- 1 MATERIAL:  
CONTACT: PHOSPHOR BRONZE.  
HOUSING: GLASS-FILLED POLYESTER.
- 2 GENERAL PLATING SPECIFICATION: UNDERPLATING  
(ENTIRE CONTACT): 1.27µm MIN NICKEL AND ACTION  
PIN: 0.5µm MIN TIN.  
FOR PLATING OF MATING SURFACES SEE APPLICABLE  
SPECIFICATION REFERENCE FOR EACH DASH NUMBER.
- 3 CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101  
PERFORMANCE LEVEL 2.
- 4 CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101  
PERFORMANCE LEVEL 1.
- 5 CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,  
CENTRAL OFFICE APPLICATIONS.
- 6 CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,  
UNCONTROLLED ENVIROMENT APPLICATIONS.
- 7 CONNECTOR MARKED WITH PART NUMBER AND DATE CODE.  
ADDITIONAL CHARACTERS OR MARKINGS, AS WELL AS THE LOCATION OF THE MARKINGS,  
MAY BE ADDED FOR TRACEABILITY BASED UPON MANUFACTURERS DISCRETION.
- 8 PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID  
PATTERN DEFINED BY CONTACT LAYOUT.
- 9 FOR ACTUAL PIN LOADING SEE "CONTACT LAYOUT".
- 10 FOR ACTUAL PIN DIMENSIONS SEE "CONTACT DIMENSIONS".
- 11 AREA RESERVED FOR KEYING PART (BASIC P/N 100525)
- 12 POLARIZATION FEATURE.
- 13 TO BE MEASURED AT BOTTOM OF SHROUD.
- 14 CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,  
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN E CARBO 15JUL05	 TE Connectivity	
		CHK G SKIPPER 15JUL05		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLC ± 1-PLC ± 0.1 2-PLC ± 3-PLC ± 4-PLC ± ANGLES		APVO G SKIPPER 15JUL05
		NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A		PRODUCT SPEC 108-19082
		APPLICATION SPEC 114-19029		RESTRICTED TO
MATERIAL SEE SHEET 1	FINISH SEE SHEET 1	WEIGHT -	SIZE A1	CAGE CODE 00779
		DRAWING NO 5188834	SCALE 4:1	
		CUSTOMER DRAWING		SHEET 2 OF 2
				REV A1