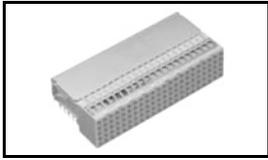


5352171-1 Product Details

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5352171-1

TE Internal Number: 5352171-1

 Active

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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 B, 19 Column
- Interface Type = 2mm HM

[View all Features](#)

Quick Links

- ▶ [Pricing & Availability](#)
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- ▶ [View Mating Products \(2\)](#)
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- ▶ [Contact Us About This Product](#)

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Documentation & Additional Information

Product Drawings:

- [Z-PACK 2mm HM TYPE B - 19 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 \(2\)](#)

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]) = 38.00 [1.496]

Body Features:

Housing Features:

- Connector Style = Receptacle
- [Mating Alignment](#) = Without
- Housing Color = Gray
- Housing Material = Polyester - GF

Configuration Features:

- [Number of Rows](#) = 5
- [Number of Positions](#) = 95
- [Crosstalk Version](#) = Standard
- [Shielded](#) = Yes
- Rows Loaded = D, E, C, B, A
- Shield Type = Ground Return Shielding
- Shield Style = Upper

Industry Standards:

- Type = Type B, 19 Column
- CompactPCI Designation = J3

Contact Features:

- Contact Configuration = ACTION PIN Post, Signal
- Feedthrough Post Length (mm [in]) = 3.30 [0.130]
- CompactPCI = Yes
- Contact Plating, Mating Area, Material = Performance-Based
- Grounding Contact = Without
- Number of Signal Contacts = 95
- Contact Base Material = Phosphor Bronze

- 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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Quick Links

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

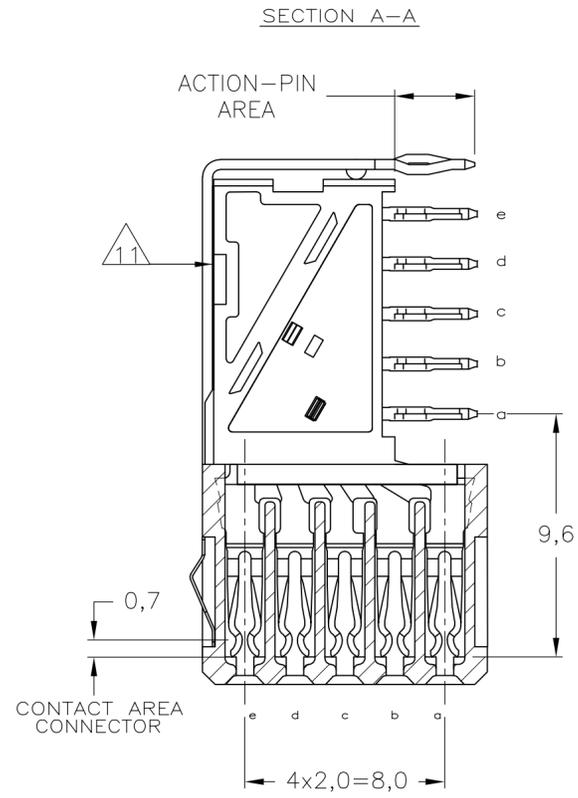
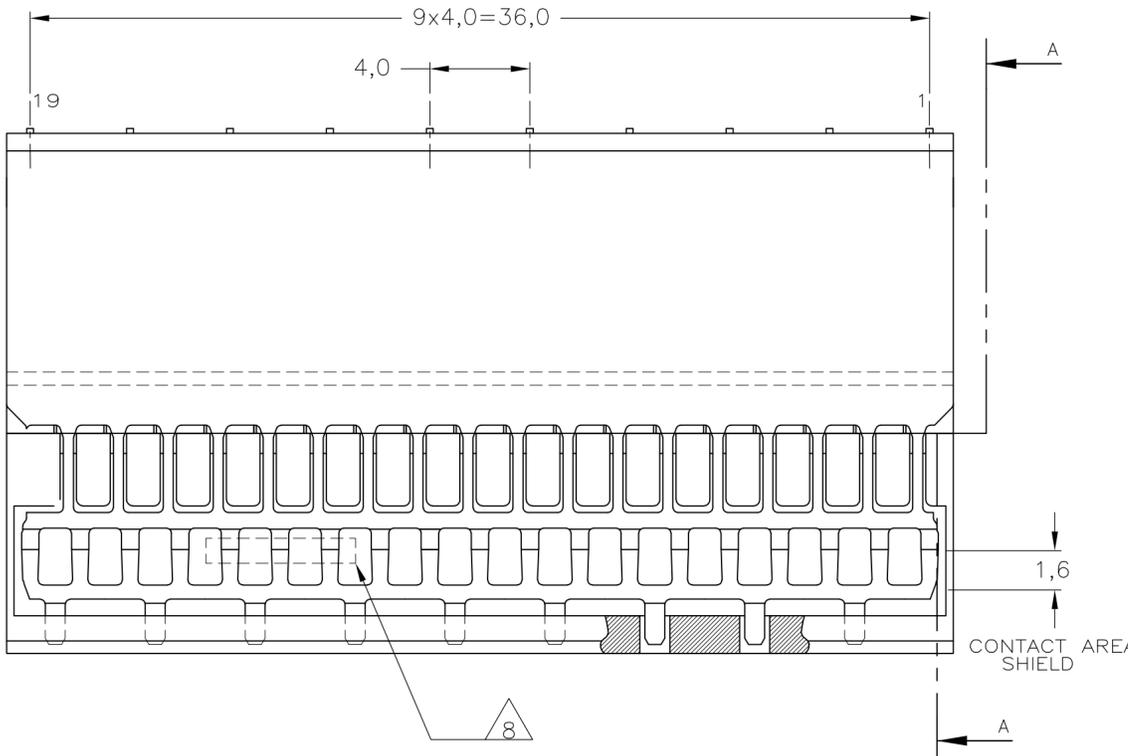
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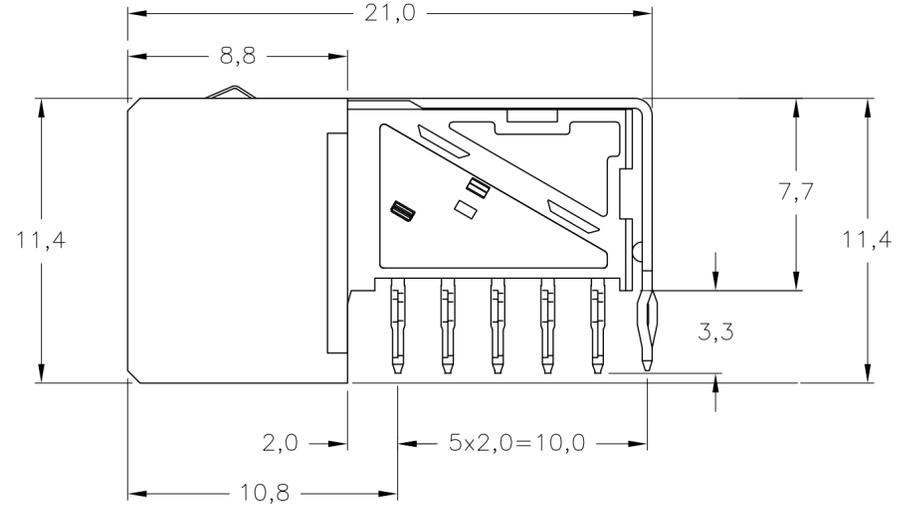
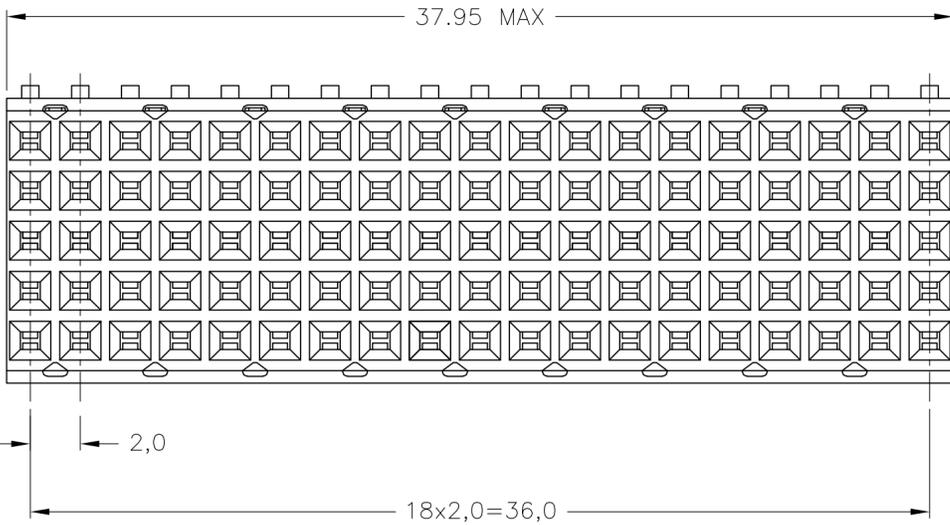


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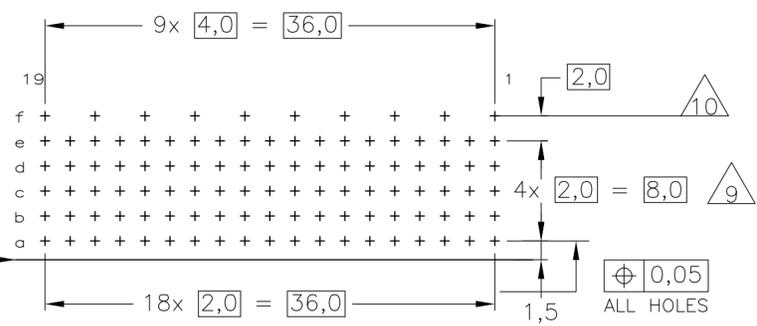
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
E		REVISED PER ECO-13-014710	08NOV2013	SY	FY		



- NOTES:
- △ MATERIAL CONTACTS; PHOSPHORBRONZE
 - △ MATERIAL HOUSING; GLASSFILLED POLYESTER (GRAY)
 - △ GENERAL PLATING SPECIFICATION: UNDERPLATING (ENTIRE CONTACT): 1,27µm NICKEL MIN. AND ACTION PIN: 0,5µm TIN MIN. FOR PLATING OF MATING SURFACES SEE APPLICABLE SPECIFICATION REFERENCE FOR EACH DASH NUMBER.
 - △ CONFORMS TO ALL TESTING ACCORDING IEC 61076-4-101 PERFORMANCE LEVEL 2.
 - △ CONFORMS TO ALL TESTING ACCORDING IEC 61076-4-101 PERFORMANCE LEVEL 1.
 - △ CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL III, CENTRAL OFFICE APPLICATIONS.
 - △ CONNECTOR LUBRICATED WITH TELCORDIA GR-1217-CORE APPROVED LUBRICANT.
 - △ ASSEMBLY PRINTED WITH P/N AND DATECODE
 - △ THE MARKING CAN APPEAR ON THE FRONT SIDE OR BACK SIDE.
 - △ HOLE PATTERN FOR FEMALE CONNECTOR TYPE B-19 COLUMNS
 - △ 95 PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID
 - △ ROW "f" 10 PLATED THROUGH HOLES FOR UPERSHIELD
 - △ SHIELD MOUNTED ON CONNECTOR WITH DOUBLE SIDED ADHESIVE TAPE OR ADHESIVE
 - 12 BASIC P.N. LOWERSHIELD : 5352029.
 - △ 0.76µm MIN GOLD PLATING AT MATING SURFACE



COMPONENT SIDE AS SHOWN
 RECOMMENDED PCB-HOLE LAY-OUT
 SCALE 2,5:1



P.C.B. HOLE DIM. ACTION PIN
 FOR DETAILS SEE
 APPLICATION SPECIFICATION

EDGE OF P.C.BOARD

△ 2 △ 3 △ 3	△	3-5352171-0
△ 2 △ 5 △ 6	△	5352171-9
△ 2 △ 4	△	5352171-4
△ 2 △ 3	△	5352171-1
FINISH	MATERIAL	PARTNUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K.N.KIRAN 21AUG2004	TE Connectivity	
DIMENSIONS: mm		CHK B.MOOIJ 27OCT2004	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.2		APVD B.MOOIJ 27OCT2004	Z-PACK 2mm HM TYPE B - 19 COLUMNS PRE-SHIELDED RECEPTACLE	
MATERIAL		PRODUCT SPEC 108-19082	SIZE A2	RESTRICTED TO
		APPLICATION SPEC 114-19029	CAGE CODE 00779	DRAWING NO C=5352171
		WEIGHT	SCALE 5:1	SHEET 1 of 1
		CUSTOMER DRAWING	REV E	