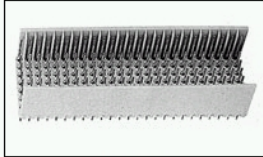


## 518835-1 Product Details

### Have a Question?

Chat with a Product Information Specialist



**518835-1**

TE Internal Number: 518835-1

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
- Housing Gender = Receptacle
- Contact Gender = Pin
- Type = Type B, 22 Column
- Interface Type = 2mm HM

[View all Features](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(1\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

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### Documentation & Additional Information

#### Product Drawings:

- [MALE ASSEMBLY, Z-PACK 2mm HM, TYPE B](#) (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 \(1\)](#)

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

#### Product Type Features:

- Product Type = Connector
- [PCB Mount Angle](#) = Vertical
- [Mating Polarization](#) = Without

#### Mechanical Attachment:

- [Board Mount](#) = Fixed Board
- [Module Length \(mm \[in\]\)](#) = 44.00 [1.732]
- [Crosstalk Version](#) = Standard
- [Front Mating Level](#) = Level 1

#### Electrical Characteristics:

- [Shielded](#) = No

#### Termination Related Features:

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

#### Body Related Features:

- Type = Type B, 22 Column
- [Number of Rows](#) = 5+2
- [Number of Positions](#) = 154
- [Grounding Contact](#) = Without
- [Rows Loaded](#) = A, B, C, D, F, Z, E
- [Number of Signal Contacts](#) = 110
- [CompactPCI Designation](#) = P2/P5

#### Contact Related Features:

- [Contact Gender](#) = Pin
- [Contact Type](#) = Signal
- [Feedthrough Post Length \(mm \[in\]\)](#) = 3.71 [0.146]
- [CompactPCI](#) = Yes
- [Contact Plating, Mating Area, Material](#) = Gold (30)
- [Contact Style](#) = Short Tail
- [Contact Base Material](#) = Phosphor Bronze

#### Housing Related Features:

- [Housing Gender](#) = Receptacle
- [Housing Material](#) = Polyester GF
- [Housing Color](#) = Gray
- [UL Flammability Rating](#) = UL 94V-0

#### 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

#### Other:

- Brand = AMP



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