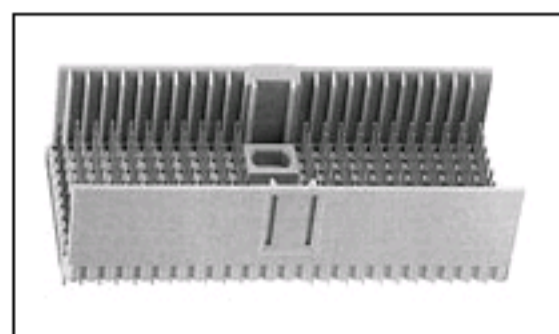




## 5646346-1 Product Details

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5646346-1

TE Internal Number: 5646346-1  
 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 = Plug
- Type = Type D, 25 Column
- Interface Type = 2mm HM

[View all Features](#)

#### Quick Links

- ▶ 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 D (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- Connector, Z-PACK, 8 Row, 2mm HM (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
- Connector Type = Connector Assembly
- PCB Mounting Orientation = Vertical

#### Mechanical Attachment:

- Board Mount = Fixed Board
- Front Mating Level = Level 1

#### Electrical Characteristics:

- Shielded = No

#### Termination Features:

- Interface Type = 2mm HM
- Termination End Plating = Tin over Nickel

#### Dimensions:

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

#### Body Features:

- Type = Type D, 25 Column

#### Contact Features:

- Contact Configuration = ACTION PIN Post, Signal
- Feedthrough Post Length (mm [in]) = 3.70 [0.145]
- CompactPCI = No
- Contact Plating, Mating Area, Material = Performance-Based
- Grounding Contact = Without
- Contact Style = Short Tail
- Contact Base Material = Phosphor Bronze

#### Housing Features:

- Connector Style = Plug
- Mating Alignment = With
- Mating Alignment Type = Multi-Purpose Center
- Housing Color = Gray
- Housing Material = Polyester GF
- UL Flammability Rating = UL 94V-0

#### Configuration Features:

- Number of Rows = 8
- Number of Positions = 176
- Crosstalk Version = Standard
- Rows Loaded = F, E, D, C, B, G, A, H

#### 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

#### Packaging Features:

- Packaging Quantity = 11

#### Other:

- Brand = TE Connectivity

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