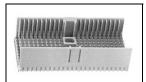


# 646346-1 Product Details



#### 646346-1

TE Internal Number: 646346-1



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

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

#### **Product Highlights:**

- Connector
- Connector Assembly
- Connector Style = Plug
- Type = Type D, 25 ColumnInterface Type = 2mm HM

#### **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 K)

- 3D Model (IGES, Version K)
- 3D Model (STEP, Version K)

#### **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-Lead over Nickel

• 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 = Gold (30)
- 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, A, H, G

# Industry Standards:

- RoHS/ELV Compliance = Not ELV/RoHS compliant
- Lead Free Solder Processes = Not relevant for lead free process

# Packaging Features:

• Packaging Quantity = 11

Other:

• Brand = AMP

