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# 5-146818-1 Product Details



# 5-146818-1

TE Internal Number: 5-146818-1 Active

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## .100 inch AMPMODU Headers

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### **Product Highlights:**

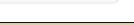
- Connector
  - Connector Type = Header Pin
- Header Type = Breakaway
- 40 Positions
- Mating Post Length = 13.46 mm

View all Features









# **Documentation & Additional Information**

### **Product Drawings:**

None Available

#### Catalog Pages/Data Sheets:

None Available

## **Product Specifications:**

None Available

#### **Application Specifications:** None Available

## **Instruction Sheets:**

None Available

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

- 2D Drawing (DXF, Version B)
- <u>3D Model</u> (IGES, Version B)
- 3D Model (STEP, Version B)

## **Additional Information:**

• Product Line Information

#### **Related Products:**

Tooling

**List all Documents** 

Contact Related Features:

Housing Related Features:

• Housing Color = Black

• Contact Shape = Square

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

## Product Type Features:

- Product Type = Connector
- Connector Type = Header Pin
- Number of Positions = 40
- Mount Angle = Vertical
- <u>PCB Retention Feature</u> = No • Surface Mount Compatible = No
- <u>Board Standoff</u> = Without
- <u>Mounting Ears</u> = Without
- <u>Mating Connector Lock</u> = Without
- Post Size (mm [in]) = 0.64 [.025]
- Comment = Headers may be broken to desired number of positions using Hand Tool No. 91406-1, or Tool Kit No. 314818-1. Other tail lengths are available, consult Tyco Electronics.

# **Industry Standards:**

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- solder capable to 260?C, Wave solder capable to 265?C, Reflow solder capable to 245?C, Reflow solder capable to 245?C, Pin-in-Paste capable to 245?C, Pin-in-Paste capable to 260?C
- RoHS/ELV Compliance History = Always was RoHS compliant

**Mechanical Attachment:** 

- Mating Post Length (mm [in]) = 13.46 [0.530] • Panel Attachment = Without

# **Termination Related Features:**

- Termination Post Length (mm [in]) = 3.02 [0.119]
- Solder Tail Contact Plating = Tin over Nickel

## **Body Related Features:**

- <u>Header Type</u> = Breakaway
- Centerline (mm [in]) = 2.54 [0.100]
- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]
- Number of Rows = 2
- <u>Selectively Loaded</u> = No
- Mount Type = Printed Circuit Board

• Contact Plating, Mating Area, Material = Tin

• Contact Base Material = Phosphor Bronze

• Housing Material = Thermoplastic - GF

• Housing Flammability Rating = UL 94V-0

• <u>Lead Free Solder Processes</u> = Wave solder capable to 240?C, Wave

## **Conditions for Usage:**

Operation/Application:

• <u>High Temperature Housing</u> = No

# <u>High Speed Serial Data Connector</u> = No

Other: • Brand = AMP

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