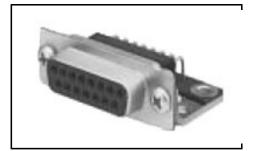


# 5745116-2 Product Details



5745116-2



## **Standard Board Mount Connectors**



Always EU RoHS/ELV Compliant (Statement of Compliance)

# **Product Highlights:**

- Number of Positions = 50
- Receptacle
- PCB Mount Angle = Right Angle
- Product Series = HD 20
- With Mating Connector Lock

View all Features | Find Similar Products



# **Documentation & Additional Information**

# **Product Drawings:**

• RECEPTACLE ASSEMBLY, SIZE 5, 50 POSITION, RIGHT ANGL... (PDF, English)

## Catalog Pages/Data Sheets:

• None Available

# **Product Specifications:**

None Available

# **Application Specifications:**

• None Available

## **Instruction Sheets:**

• None Available

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

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

# **Additional Information:**

• Product Line Information

## **Related Products:**

- Tooling
- Mating Products (1)

List all Documents

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

## **Product Type Features:**

- Number of Positions = 50
- Gender = Receptacle
- PCB Mount Angle = Right Angle
- Product Series = HD 20
- Mating Connector Lock = With
- Mating Connector Lock Type = Mounting Screws
- PCB Retention Feature = Yes
- Shell Type = Full Metal
- Shell Size = 5
- Footprint (mm [in]) = 13.84 [.545]
- PCB Thickness (in [mm]) = 0.093 [2.36]
- Grounding Indents = Without
- Grounding Straps = Without
- PCB Mount Style = Thru Hole
- Color Code = None
- Sealed = No
- Profile = High
- Post Size (mm [in]) = 0.64 [.025]
- Mounting Hole Diameter (mm [in]) = 3.05 [.120]
- Shell Material = Steel
- Comment = All receptacles are preloaded with size 20 DF posted socket contacts

#### **Mechanical Attachment:**

• Panel Attachment = Without

Provide Website Feedback | Contact Customer Support
Home | Customer Support | Suppliers | Site Map | Privacy Policy | Browser Support
© 2007 Tyco Electronics Corporation All Rights Reserved

## **Termination Related Features:**

- Grounding Clips = Without
- Termination (Solder) Post Length (mm [in]) = 3.18 [0.125]
- Solder Tail Contact Plating = Tin over Nickel

# **Body Related Features:**

- PCB Retention Method = Mounting Holes
- Insert Flammability Rating = UL 94V-0
- Insert Material = Thermoplastic
- Shell Plating = Tin

#### **Contact Related Features:**

- Contact Mating Area Plating = Gold (30)
- Contact Shape = Square
- Contact Material = Phosphor Bronze

#### **Industry Standards:**

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- <u>Lead Free Solder Processes</u> = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

# Operation/Application:

• Application = Standard

#### Other:

Brand = AMP