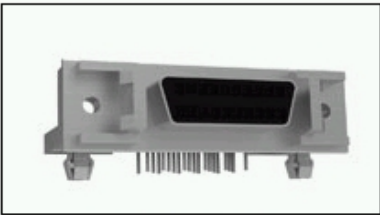


1761028-6 Product Details

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1761028-6

TE Internal Number: 1761028-6  
Active

View 3D PDF

.050 Series Board Mount Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Connector Style = Receptacle
- 20 Positions
- PCB Mounting Orientation = Right Angle
- Termination Method to PC Board = Through Hole - Solder

View all Features

Quick Links

- Check Pricing & Availability
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Documentation & Additional Information

- Product Drawings:
- RECEPTACLE ASSEMBLY, SHIELDED, RIGHT ANG... (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)
- 2D Drawing (DXF, Version C)
  - 3D Model (IGES, Version C)
  - 3D Model (STEP, Version C)

- Additional Information:
- Product Line Information

- Related Products:
- Tooling

List all Documents

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

- Product Type Features:
- Product Type = Connector
  - PCB Mounting Orientation = Right Angle
  - Termination Method to PC Board = Through Hole - Solder
  - PCB Mount Retention = Without
  - PCB Mount Alignment = Without
  - Shell Type = Full Metal
  - Product Series = Series III
  - Shell Material = Steel
  - Bracket Material = Zinc

- Mechanical Attachment:
- Mating Retention Type = Latching
  - Bracket Plating = Nickel over Copper
  - Boardlock Material = Copper Alloy
  - Boardlock Plating = Tin over Nickel

- Electrical Characteristics:
- Shielded = Yes

- Termination Features:
- Termination Post Length (mm [in]) = 2.54 [0.100]

- Body Features:
- Number of Positions = 20
  - Mating Retention = With
  - Centerline (mm [in]) = 1.27 [0.050]
  - Post Plating = Tin over Nickel
  - Shell Plating = Bright Tin

- Contact Features:
- Contact Plating, Mating Area, Material = Gold (30), Gold Flash over Palladium Nickel
  - Contact Base Material = Phosphor Bronze

- Housing Features:
- Connector Style = Receptacle
  - Mating Alignment = With
  - Mating Alignment Type = Rails
  - Housing Material = Thermoplastic - GF
  - UL Flammability Rating = UL 94V-0
  - Housing Color = Black

- Industry Standards:
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
  - Lead Free Solder Processes = 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

- Conditions for Usage:
- PCB Thickness, Recommended (mm [in]) = 1.57 [0.062]

- Other:
- Brand = Tyco Electronics

Corporate Information

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