



747150-8 Product Details

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747150-8

TE Internal Number: 747150-8

Active

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Standard Board Mount Connectors

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

Product Highlights:

- 9 Positions
- Connector Style = Receptacle
- PCB Mounting Orientation = Vertical
- Product Series = HD 20
- With Mating Connector Lock

View all Features

Quick Links

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- Product Feature Selector
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Documentation & Additional Information

Product Drawings:

- RECEPTACLE ASSEMBLY, SIZE 1, 9 POSITION FRONT METAL ... (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- AMPLIMITE HD-20 PCB Mounted Connector (PDF, English)

Application Specifications:

- AMPLIMITE HD-20 Straight Solder Contact Tine, Front ... (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

Additional Product Images:

- Product Photo

Related Products:

- Tooling
- Mating Products (8)

List all Documents

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

Product Type Features:

- PCB Mounting Orientation = Vertical
- Product Series = HD 20
- Mating Connector Lock = With
- Mating Connector Lock Type = Threaded Insert, 4-40 UNC
- PCB Mount Retention = With
- Shell Type = Front Metal Shell
- Shell Size = 1
- Grounding Indents = Without
- Grounding Straps = Without
- PCB Mount Style = Through Hole
- Color Code = None
- Sealed = No
- Profile = Standard
- Post Size (mm [in]) = 0.66 [.026]
- Mounting Hole Diameter (mm [in]) = 3.05 [.120]
- Shell Material = Steel
- Threaded Insert Material = Brass

Mechanical Attachment:

- Panel Mount Retention = Without

Termination Features:

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

Body Features:

- Number of Positions = 9
- PCB Mount Retention Type = Mounting Holes
- Shell Plating = Tin

Contact Features:

- Contact Plating, Mating Area, Material = Gold (30)
- Contact Shape = Round
- Contact Base Material = Phosphor Bronze

Housing Features:

- Connector Style = Receptacle
- UL Flammability Rating = UL 94V-0
- Housing Material = Thermoplastic - GF

Industry Standards:

- RoHS/ELV Compliance = Not ELV/RoHS compliant
- Lead Free Solder Processes = Not suitable for lead free processing

Conditions for Usage:

- PCB Thickness, Recommended (in [mm]) = 0.062 - 0.093 [1.57 - 2.36]

Operation/Application:

- Application = Standard

Other:

- Brand = AMP
- Comment = All receptacles are preloaded with size 20 DF posted socket contacts

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