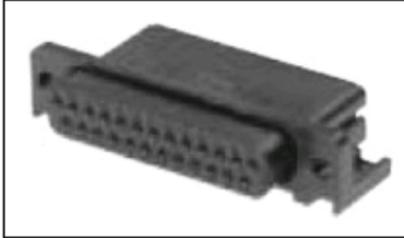


747459-2 Product Details

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747459-2

TE Internal Number: 747459-2
Active

View 3D PDF

Standard Board Mount Connectors

5 of 6 EU RoHS/ELV Compliant (Find RoHS Compliant Alternates/Statement of Compliance)

Product Highlights:

- 9 Positions
- Connector Style = Receptacle
- PCB Mounting Orientation = Right Angle
- Product Series = HD 20
- Without Mating Connector Lock

View all Features

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- ▶ View Mating Products (3)
- ▶ Product Feature Selector
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Documentation & Additional Information

Product Drawings:

- RECEPTACLE ASSY, SIZE 1, 9 POSN, RIGHT ANGLE, .590 S... (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- AMPLIMITE HD-20 Series 318, 478, and 590 Right-Angle... (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- 2D Drawing (DXF, Version E)
- 3D Model (IGES, Version E)
- 3D Model (STEP, Version E)

List all Documents

Additional Information:

- Product Line Information

Related Products:

- Tooling
- Mating Products (3)

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

Product Type Features:

- PCB Mounting Orientation = Right Angle
- Product Series = HD 20
- Mating Connector Lock = Without
- PCB Mount Retention = With
- PCB Mount Retention Type = Mounting Hole(s)
- Shell Type = All Plastic
- Shell Size = 1
- Footprint (mm [in]) = 14.99 [.590]
- 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]) = 3.18 [.125]

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

Dimensions:

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

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

Configuration Features:

- Number of Positions = 9

Industry Standards:

- RoHS/ELV Compliance = ELV compliant, 5 of 6 Compliant
- Lead Free Solder Processes = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C

Operation/Application:

- Application = Standard

Other:

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

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