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Resources

6-747843-7 Product Details



Standard Board Mount Connectors

About TE

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

Product Highlights:

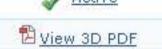
- 37 Positions
- Connector Style = Plug
- PCB Mounting Orientation = Right Angle
- Product Series = HD 20

· Without Mating Connector Lock

View all Features

TE Internal Number: 6-747843-7 Active |

6-747843-7









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Support Center

Documentation & Additional Information

Product Drawings:

RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, BOARDLO... (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 W)
- 3D Model (IGES, Version W)
- . 3D Model (STEP, Version W)

List all Documents

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
 - Shell Type = Front Metal Shell
 - Shell Size = 4
 - Footprint (mm [in]) = 8.08 [.318]
 - · Grounding Indents = With
 - Grounding Straps = With
 - 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]
 - · Shell Material = Steel
 - Eyelet Material = Brass

Mechanical Attachment:

- Panel Mount Retention = Without
- Boardlock Material = Copper Alloy
- . Boardlock Plating = Tin over Nickel

Termination Features:

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

- **Body Features:** Number of Positions = 37
 - PCB Mount Retention Type = Boardlock(s)
 - Shell Plating = Tin
 - Eyelet Plating = Tin over Copper Flash

Contact Features:

- Contact Plating, Mating Area, Material = Gold (30), Gold Flash over
- Palladium Nickel
- Contact Shape = Round Contact Base Material = Brass

Housing Features:

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

Industry Standards:

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

Conditions for Usage:

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

Other:

- Brand = AMP
- Comment = Plugs are preloaded with size 20 DF posted pin contacts

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