



5205738-1 Product Details

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5205738-1

TE Internal Number: 5205738-1

Active

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Standard Board Mount Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- 25 Positions
- Connector Style = Receptacle
- PCB Mounting Orientation = Vertical
- Product Series = HDP-20
- Without Mating Connector Lock

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, SIZE 3, 25 POSN, VERTICAL, AMPL...](#) (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 B)
- [3D Model](#) (IGES, Version B)
- [3D Model](#) (STEP, Version B)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(9\)](#)

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

Product Type Features:

- PCB Mounting Orientation = Vertical
- Product Series = HDP-20
- Mating Connector Lock = Without
- PCB Mount Retention = Without
- Shell Type = Full Metal
- Shell Size = 3
- Grounding Indents = Without
- Grounding Straps = Without
- PCB Mount Style = Through Hole
- Color Code = None
- Sealed = No
- Profile = Standard
- Post Size (mm [in]) = 0.64 [.025]
- Shell Material = Steel

Mechanical Attachment:

- Panel Mount Retention = Without

Termination Features:

- Grounding Clips = Without
- Termination Post Length (mm [in]) = 3.20 [0.126]
- Solder Tail Contact Plating = Tin

Dimensions:

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

Body Features:

- Insert Material = Polyamide, GV
- Shell Plating = Zinc

Contact Features:

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

Housing Features:

- Connector Style = Receptacle

Configuration Features:

- Number of Positions = 25

Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant
- Insert Flammability Rating = UL 94V-0

Operation/Application:

- Application = Standard

Other:

- Brand = AMP

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