



## 2-5747705-1 Product Details



**2-5747705-1**

TE Internal Number: 2-5747705-1  
✔ Active

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### Standard Board Mount Connectors

✔ Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- 37 Positions
- Connector Style = Plug
- PCB Mounting Orientation = Vertical
- Product Series = HDP-20
- With Mating Connector Lock

[View all Features](#)

### Quick Links

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### Documentation & Additional Information

#### Product Drawings:

- [PLUG ASSEMBLY, SIZE 4, 37 POS., VERTICAL, .026 DIA. ...](#) (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 \(4\)](#)

### 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 = With
- Mating Connector Lock Type = Female Screwlocks, 4-40 UNC
- PCB Mount Retention = With
- PCB Mount Retention Type = Mounting Hole(s)
- Shell Type = Front Metal Shell
- Shell Size = 4
- Grounding Indents = With
- 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]

#### Mechanical Attachment:

- Panel Mount Retention = Without
- Boardlock Material = Brass
- Boardlock Plating = Tin

#### Termination Features:

- Grounding Clips = Without
- Termination Post Length (mm [in]) = 4.32 [0.170]

#### Dimensions:

#### Body Features:

- Insert Material = Brass
- Shell Material = Steel
- Shell Plating = Tin

#### Contact Features:

- Contact Plating, Mating Area, Material = Gold (30)
- Solder Tail Contact Plating = Tin over Nickel
- Contact Shape = Round
- Contact Base Material = Brass

#### Housing Features:

- Connector Style = Plug
- Housing Material = Thermoplastic - GF

#### Configuration Features:

- Number of Positions = 37

#### 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
- UL Flammability Rating = UL 94V-0

#### Operation/Application:

- Application = Standard

#### Other:

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

- Brand = AMP

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