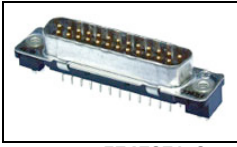


## 5747871-8 Product Details




**5747871-8**

TE Internal Number: 5747871-8

 [Active](#)

 [View 3D PDF](#)

### Standard Board Mount Connectors

 [Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

#### Product Highlights:

- Number of Positions = 9
- Plug
- PCB Mount Angle = Vertical
- Product Series = HD 20
- With Mating Connector Lock

### Documentation & Additional Information

#### Product Drawings:

- [PLUG ASSEMBLY, SIZE 1, 9 POS, VERTICAL, FRONT SHELL...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [AMPLIMITE Subminiature D Connectors - Straight Poste...](#) (PDF, English)

#### 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 A)
- [3D Model](#) (IGES, Version A)
- [3D Model](#) (STEP, Version A)

#### Additional Information:

- [Product Line Information](#)

#### Additional Product Images:

- [Product Photo](#)

#### Related Products:

- [Tooling](#)
- [Mating Products \(10\)](#)

[List all Documents](#)

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

#### Product Type Features:

- [Number of Positions](#) = 9
- [Gender](#) = Plug
- [PCB Mount Angle](#) = Vertical
- [Product Series](#) = HD 20
- [Mating Connector Lock](#) = With
- [Mating Connector Lock Type](#) = Threaded Insert, 4-40 UNC
- [PCB Retention Feature](#) = Yes
- [Shell Type](#) = Front Metal Shell
- [Shell Size](#) = 1
- [PCB Thickness \(in \[mm\]\)](#) = 0.062 - 0.093 [1.57 - 2.36]
- [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]
- Shell Material = Steel
- Threaded Insert Material = Brass
- Comment = Plugs are preloaded with size 20 DF posted pin contacts

#### Mechanical Attachment:

- [Panel Attachment](#) = Without

#### Termination Related Features:

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

#### Body Related Features:

- [PCB Retention Method](#) = Mounting Holes
- Shell Plating = Tin

#### Contact Related Features:

- [Contact Mating Area Plating Material](#) = Gold (30)
- Contact Shape = Round
- Contact Base Material = Brass

#### Housing Related Features:

- Housing Flammability Rating = UL 94V-0
- Housing Material = Thermoplastic

#### 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

#### Operation/Application:

- Application = Standard

#### Other:

- Brand = AMP