

## 5745183 -3 Product Details

**Live Product Chat** US Only  
8:30am - 5pm ET, Mon - Fri



**5745183 -3**

[Active](#)

### Standard Board Mount Connectors

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

#### Product Highlights:

- ? Number of Positions = 9
- ? Receptacle
- ? PCB Mount Angle = Vertical
- ? Product Series = HD 20
- ? Without Mating Connector Lock

[View all Features](#) | [Find Similar Products](#)

### Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [View Mating Products \(8\)](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

### Documentation & Additional Information

#### Product Drawings:

- ? [RECEPTACLE ASSY, SIZE 1, 9 POS, VERTICAL, AMPLIMITE HDP](#) (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](#)

#### Additional Product Images:

- ? [Product Photo](#)

#### Related Products:

- ? [Tooling](#)
- ? [Mating Products \(8\)](#)

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

#### Product Type Features:

- ? [Number of Positions](#) = 9
- ? [Gender](#) = Receptacle
- ? [PCB Mount Angle](#) = Vertical
- ? [Product Series](#) = HD 20
- ? [Mating Connector Lock](#) = Without
- ? [PCB Retention Feature](#) = No
- ? [Shell Type](#) = Full Metal
- ? [Shell Size](#) = 1
- ? [PCB Thickness \(in \[mm\]\)](#) = 0.062 - 0.093 [1.57 - 2.36]
- ? [Grounding Indents](#) = Without
- ? [Grounding Straps](#) = Without
- ? [PCB Mount Style](#) = Thru Hole
- ? [Color Code](#) = None
- ? Sealed = No
- ? Profile = Standard
- ? Post Size (mm [in]) = 0.64 [.025]
- ? Shell Material = Steel
- ? Comment = All receptacles are preloaded with size 20 DF posted socket contacts

#### Mechanical Attachment:

- ? [Panel Attachment](#) = Without

#### Termination Related Features:

- ? [Grounding Clips](#) = Without
- ? [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 10.80 [0.425]
- ? [Solder Tail Contact Plating](#) = Tin over Nickel

#### Body Related Features:

- ? Insert Flammability Rating = UL 94V -0
- ? Insert Material = Thermoplastic
- ? Shell Plating = Tin

#### Contact Related Features:

- ? [Contact Mating Area Plating Material](#) = Gold (30)
- ? Contact Shape = Square
- ? Contact Material = Phosphor Bronze

#### 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