

# 5208006-2 Product Details



5208006-2



[Active](#)

## 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
- Without Mating Connector Lock

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

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## Documentation & Additional Information

### Product Drawings:

- [PLUG ASSEMBLY, SIZE 1, 9 POSN, VERTICAL, AMPLIMITE HD-20](#) (PDF, English)

### Catalog Pages/Data Sheets:

- None Available

### Product Specifications:

- None Available

### Application Specifications:

- None Available

### Instruction Sheets:

- None Available

### CAD Files:

- None Available

### Additional Information:

- [Product Line Information](#)

### Additional Product Images:

- [Product Photo](#)
- [Typical Application](#)

### Related Products:

- [Tooling](#)
- [Mating Products \(3\)](#)

[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](#) = Without
- [PCB Retention Feature](#) = Yes
- [Shell Type](#) = All Plastic
- [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]
- Mounting Hole Diameter (mm [in]) = 3.05 [.120]
- Comment = Plugs are preloaded with size 20 DF posted pin contacts

**Mechanical Attachment:**

- [Panel Attachment](#) = Without

**Termination Related Features:**

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

**Body Related Features:**

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

**Contact Related Features:**

- [Contact Mating Area Plating](#) = Gold (30), Gold Flash over Palladium Nickel
- Contact Shape = Round
- Contact 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

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