

5745071 -1 Product Details

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



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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
- ? With Mating Connector Lock

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

Quick Links

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- [Search for Tooling](#)
- [View Mating Products \(1\)](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

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: ([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 \(1\)](#)

[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 = Female Screwlocks, Fixed
- ? [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]) = 0.66 [.026]
- ? Mounting Hole Diameter (mm [in]) = 3.05 [.120]
- ? Comment = Plugs are preloaded with size 20 DF posted pin contacts

Mechanical Attachment:

- ? [Panel Attachment](#) = Without
- ? Female Screwlock Material = Brass
- ? Female Screwlock Plating = Nickel over Copper Flash

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 Material](#) = Gold Flash
- ? 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