

5745071-1 Product Details

Standard Board Mount Connectors

No Image Available



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

5745071-1



[Active](#)

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](#)

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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: [\(CAD Format & Compression Information\)](#)

- [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](#) = 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