


745071-2 Product Details

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745071-2

TE Internal Number: 745071-2

 Active

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Standard Board Mount Connectors

[Not EU RoHS or ELV Compliant](#) ([Find RoHS Compliant Alternates](#))

Product Highlights:

- 9 Positions
- Connector Style = Plug
- PCB Mounting Orientation = Vertical
- Product Series = HD 20
- With Mating Connector Lock

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [PLUG ASSEMBLY, SIZE 1, 9 POSN, VERTICAL, AMPLIMITE ...](#) (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 G)
- [3D Model](#) (IGES, Version G)
- [3D Model](#) (STEP, Version G)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Product Photo](#)

Related Products:

- [Tooling](#)
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Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- [PCB Mounting Orientation](#) = Vertical
- [Product Series](#) = HD 20
- [Mating Connector Lock](#) = With
- Mating Connector Lock Type = Female Screwlocks, Fixed
- [PCB Mount Retention](#) = With
- [Shell Type](#) = All Plastic
- [Shell Size](#) = 1
- [Grounding Indents](#) = Without
- [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]

Mechanical Attachment:

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

Termination Features:

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

Body Features:

- [Number of Positions](#) = 9
- [PCB Mount Retention Type](#) = Mounting Holes

Contact Features:

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

Housing Features:

- Connector Style = Plug
- UL Flammability Rating = UL 94V-0
- Housing Material = Thermoplastic - GF

Industry Standards:

- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C

Conditions for Usage:

- [PCB Thickness, Recommended \(in \[mm\]\)](#) = 0.062 - 0.093 [1.57 - 2.36]

Operation/Application:

- Application = Standard

Other:

- Brand = AMP
- Comment = Plugs are preloaded with size 20 DF posted pin contacts

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