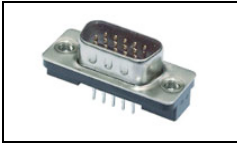


5749798-1 Product Details




5749798-1

TE Internal Number: 5749798-1

 [Active](#)

 [View 3D PDF](#)

Standard Board Mount Connectors

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

Product Highlights:

- Number of Positions = 15
- Plug
- PCB Mount Angle = Vertical
- Product Series = HD-22
- With Mating Connector Lock

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [AMPLIMITE HD-22, VERTICAL 15 POS. PLUG](#) (PDF, English)

Catalog Pages/Data Sheets:

- [AMPLIMITE Subminiature D Connectors - Straight Poste...](#) (PDF, English)

Product Specifications:

- [AMPLIMITE* HD-22 Front Metal Shell, PCB Mounted Conn...](#) (PDF, English)

Application Specifications:

- [AMPLIMITE HD-22 Straight Front Metal Shell Connectors](#) (PDF, English)

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](#)

[List all Documents](#)

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

Product Type Features:

- [Number of Positions](#) = 15
- [Gender](#) = Plug
- [PCB Mount Angle](#) = Vertical
- [Product Series](#) = HD-22
- [Mating Connector Lock](#) = With
- [Mating Connector Lock Type](#) = Threaded Insert, 4-40 UNC
- [PCB Retention Feature](#) = No
- [Shell Type](#) = Front Metal Shell
- [Shell Size](#) = 1
- [PCB Thickness \(in \[mm\]\)](#) = 0.093 [2.36]
- [Grounding Indents](#) = With
- [Grounding Straps](#) = Without
- [PCB Mount Style](#) = Through Hole
- [Color Code](#) = None
- Sealed = No
- Profile = Standard
- Post Size (mm [in]) = 0.66 [.026]
- Shell Material = Steel
- Threaded Insert Material = Brass
- Comment = All connectors are preloaded with size 22 DF posted contacts

Mechanical Attachment:

- [Panel Attachment](#) = Without

Termination Related Features:

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

Body Related Features:

- Shell Plating = Nickel

Contact Related Features:

- [Contact Mating Area Plating Material](#) = Gold (30)
- Contact Shape = Round
- Contact Base 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