

5749771-1 Product Details



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[Active](#)

Standard Board Mount Connectors



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

Product Highlights:

- Number of Positions = 44
- Plug
- PCB Mount Angle = Right Angle
- Product Series = HD-22
- With Mating Connector Lock

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Documentation & Additional Information

Product Drawings:

- [AMPLIMITE HD-22 44 POS PLUG, RIGHT ANGLE](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

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

Application Specifications:

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

Instruction Sheets:

- None Available

CAD Files:

- None Available

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](#) = 44
- [Gender](#) = Plug
- [PCB Mount Angle](#) = Right Angle
- [Product Series](#) = HD-22
- [Mating Connector Lock](#) = With
- [Mating Connector Lock Type](#) = Threaded Inserts
- [PCB Retention Feature](#) = Yes
- [Shell Type](#) = Front Metal Shell
- [Shell Size](#) = 3
- [Footprint \(mm \[in\]\)](#) = 8.08 [.318]
- [PCB Thickness \(in \[mm\]\)](#) = 0.062 [1.57]
- [Grounding Indents](#) = With
- [Grounding Straps](#) = Without
- [PCB Mount Style](#) = Thru Hole
- [Color Code](#) = None
- Sealed = No
- Shell Material = Steel
- Threaded Insert Material = Zinc
- Eyelet Material = Brass

Mechanical Attachment:

- [Panel Attachment](#) = Without
- Boardlock Material = Copper Alloy
- Boardlock Plating = Tin over Nickel

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](#) = Boardlock(s)
- Shell Plating = Tin
- Threaded Insert Plating = Clear Chromate
- Eyelet Plating = Tin over Copper Flash

Contact Related Features:

- [Contact Mating Area Plating](#) = Gold (30)
- Contact Material = Copper Alloy

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

Other:

- Brand = AMP

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