

5748482-5 Product Details



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TE Internal Number: 5748482-5



[Active](#)



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Standard Board Mount Connectors

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

Product Highlights:

- 44 Positions
- Connector Style = Receptacle
- PCB Mounting Orientation = Right Angle
- Product Series = HD-22
- With Mating Connector Lock

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [AMPLIMITE HD-22, 44 POSITION RECEPTACLE, RIGHT ANGLE](#) (PDF, English)

Catalog Pages/Data Sheets:

- [AMPLIMITE Subminiature D Connectors - Right-Angle Po...](#) (PDF, English)

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

- [2D Drawing](#) (DXF, Version A)
- [3D Model](#) (IGES, Version A)
- [3D Model](#) (STEP, Version A)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Product Photo](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- [PCB Mounting Orientation](#) = Right Angle
- [Product Series](#) = HD-22
- [Mating Connector Lock](#) = With
- [Mating Connector Lock Type](#) = Threaded Inserts
- [PCB Mount Retention](#) = With
- [Shell Type](#) = Front Metal Shell
- [Shell Size](#) = 3
- [Footprint \(mm \[in\]\)](#) = 8.89 [.350]
- [Grounding Indents](#) = Without
- [Grounding Straps](#) = Without
- [PCB Mount Style](#) = Through Hole
- [Color Code](#) = None
- Sealed = No
- Mounting Hole Diameter (mm [in]) = 3.18 [.125]
- Shell Material = Steel
- Threaded Insert Material = Zinc

Mechanical Attachment:

- [Panel Mount Retention](#) = Without

Termination Related Features:

- [Grounding Clips](#) = Without
- [Termination Post Length \(mm \[in\]\)](#) = 3.18 [0.125]

Body Related Features:

- [Number of Positions](#) = 44
- [PCB Mount Retention Type](#) = Boardlock(s)
- Shell Plating = Nickel
- Threaded Insert Plating = Clear Chromate

Contact Related Features:

- [Contact Plating, Mating Area, Material](#) = Gold (30)
- Contact Base Material = Phosphor Bronze

Housing Related Features:

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

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

Conditions for Usage:

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

Other:

• [Product AMP](#)

- [Solder Tail Contact Plating](#) = Tin over Nickel

- Brand = AMP