

1-745967-4 Product Details



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TE Internal Number: 1-745967-4



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Standard Board Mount Connectors

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

Product Highlights:

- 25 Positions
- Receptacle
- PCB Mount Angle = Vertical
- Product Series = HD 20
- With Mating Connector Lock

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSY, SIZE 3, 25 POSITION FRONT METAL SHE...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [AMPLIMITE SUBMINATURE D TYPE CONNECTORS](#) (PDF, English)

Product Specifications:

- [AMPLIMITE* HD-20 PCB Mounted Connector](#) (PDF, English)

Application Specifications:

- [AMPLIMITE HD-20 Straight Solder Contact Tine, Front ...](#) (PDF, English)

Instruction Sheets:

- None Available

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

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

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(9\)](#)

[List all Documents](#)

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

Product Type Features:

- [Number of Positions](#) = 25
- [Gender](#) = Receptacle
- [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](#) = Front Metal Shell
- [Shell Size](#) = 3
- [PCB Thickness \(in \[mm\]\)](#) = 0.062 – 0.093 [1.57 – 2.36]
- [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]) = 3.07 [.121]
- Shell Material = Steel
- Comment = All receptacles are preloaded with size 20 DF posted socket contacts

Mechanical Attachment:

- [Panel Attachment](#) = Without
- Female Screwlock Material = Zinc

Termination Related Features:

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

Body Related Features:

- [PCB Retention Method](#) = Mounting Holes
- Shell Plating = Tin

Contact Related Features:

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

Housing Related Features:

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

Industry Standards:

- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not suitable for lead free processing

Operation/Application:

- Application = Standard

Other:

- Brand = AMP