

5786146-1 Product Details



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5786146-1

Standard Board Mount Connectors



Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

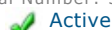
- 37 Positions
- Connector Style = Receptacle
- PCB Mounting Orientation = Vertical
- Product Series = HD 20
- With Mating Connector Lock

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TE Internal Number: 5786146-1



Active

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, SIZE 4, 37 POSITION, ACTION PIN...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [Connector, AMPLIMITE, ACTION PIN](#) (PDF, English)

Application Specifications:

- [AMPLIMITE HD-20 Connectors with ACTION PIN Contacts](#) (PDF, English)

Instruction Sheets:

- [AMPLIMITE Connector HD-20 Shielded Cable Clamp Kits](#) (PDF, English)

CAD Files: (CAD Format & Compression Information)

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(3\)](#)

Feedback

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
- [PCB Mount Retention Type](#) = Action/Compliant Tail, Mounting Hole(s)
- [Shell Type](#) = Front Metal Shell
- [Shell Size](#) = 4
- [Grounding Indents](#) = Without
- [Grounding Straps](#) = Without
- [PCB Mount Style](#) = Through Hole
- [Color Code](#) = None
- [Sealed](#) = No
- [Profile](#) = Standard
- [Mounting Hole Diameter \(mm \[in\]\)](#) = 3.51 [.138]

Mechanical Attachment:

- [Panel Mount Retention](#) = Without

Termination Features:

- [Grounding Clips](#) = Without
- [Termination Post Length \(mm \[in\]\)](#) = 5.80 [0.228]

Dimensions:

- [PCB Thickness, Recommended \(in \[mm\]\)](#) = 0.093 [2.36], 0.125 [3.18]

Body Features:

- [Shell Material](#) = Steel
- [Shell Plating](#) = Tin over Copper
- [Female Screwlock Material](#) = Brass

Contact Features:

- [Contact Plating, Mating Area, Material](#) = Gold Flash over Palladium Nickel or Gold (30) over Nickel
- [Solder Tail Contact Plating](#) = Tin over Nickel
- [Contact Base Material](#) = Copper Alloy

Housing Features:

- [Connector Style](#) = Receptacle
- [Housing Material](#) = Nylon - GF

Configuration Features:

- [Number of Positions](#) = 37

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- [RoHS/ELV Compliance History](#) = Always was RoHS compliant
- [UL Flammability Rating](#) = UL 94V-0

Operation/Application:

- [Application](#) = Standard

Other:

- [Brand](#) = AMP

- Comment = Housing height 6.48 [.255].

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