



5747459-6 Product Details



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TE Internal Number: 5747459-6

Active

Standard Board Mount Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- 9 Positions
- Connector Style = Receptacle
- PCB Mounting Orientation = Right Angle
- Product Series = HD 20
- With Mating Connector Lock

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSY, SIZE 1, 9 POSN, RIGHT ANGLE, .590 S...](#) (PDF, English)

Catalog Pages/Data Sheets:

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

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
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Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- [PCB Mounting Orientation](#) = Right Angle
- [Product Series](#) = HD 20
- [Mating Connector Lock](#) = With
- [Mating Connector Lock Type](#) = Female Screwlocks, Fixed
- [PCB Mount Retention](#) = With
- [PCB Mount Retention Type](#) = Mounting Hole(s)
- [Shell Type](#) = All Plastic
- [Shell Size](#) = 1
- [Footprint \(mm \[in\]\)](#) = 14.99 [.590]
- [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 \[in\]\)](#) = 3.18 [.125]

Mechanical Attachment:

- [Panel Mount Retention](#) = Without

Termination Features:

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

Dimensions:

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

Body Features:

- [Female Screwlock Material](#) = Zinc
- [Female Screwlock Plating](#) = Clear Chromate

Contact Features:

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

Housing Features:

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

Configuration Features:

- [Number of Positions](#) = 9

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C
- [RoHS/ELV Compliance History](#) = Always was RoHS compliant
- [UL Flammability Rating](#) = UL 94V-0

Operation/Application:

- [Application](#) = Standard

Other:

- [Brand](#) = AMP
- [Comment](#) = All receptacles are preloaded with size 20 DF posted socket contacts

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