



5745395-3 Product Details



5745395-3

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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TE Internal Number: 5745395-3

Active

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSY, SIZE 1, 9 POSN, RIGHT ANGLE, .318 S...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version 0)
- [3D Model](#) (IGES, Version 0)
- [3D Model](#) (STEP, Version 0)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

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

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]) = 8.08 [.318]
- 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]

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]

Contact Features:

- [Contact Plating, Mating Area, Material](#) = Gold (30)
- [Solder Tail Contact Plating](#) = Tin
- 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

Packaging Features:

- Packaging Method = Tube

Other:

- Brand = AMP
- Comment = All receptacles are preloaded with size 20 DF posted

Body Features:

- Female Screwlock Material = Zinc
- Female Screwlock Plating = Clear Chromate

socket contacts

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