

## 2-338313-2 Product Details

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2-338313-2

TE Internal Number: 2-338313-2

 Active

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### Standard Board Mount Connectors

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

#### Product Highlights:

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

[View all Features](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
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- ▶ [Contact Us About This Product](#)

### Documentation & Additional Information

#### Product Drawings:

- [HD-20 SIZE 1 VERTICAL+ RECEPTACLE HEADER; WITH SOLDE...](#) (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 D)
- [3D Model](#) (IGES, Version D)
- [3D Model](#) (STEP, Version D)

[List all Documents](#)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)
- [Mating Products \(8\)](#)

### 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 = Threaded Insert, M3
- [PCB Mount Retention](#) = With
- [Shell Type](#) = Front Metal Shell
- [Shell Size](#) = 1
- [Grounding Indents](#) = Without
- [Grounding Straps](#) = With
- [PCB Mount Style](#) = Through Hole
- [Color Code](#) = None
- Sealed = No
- Color = Black
- Shell Material = Steel

#### Mechanical Attachment:

- [Panel Mount Retention](#) = Without

#### Termination Features:

- [Grounding Clips](#) = Without
- [Termination Post Length \(mm \[in\]\)](#) = 3.20 [0.126]
- [Solder Tail Contact Plating](#) = Tin over Nickel

#### Body Features:

- [Number of Positions](#) = 9
- [PCB Mount Retention Type](#) = Boardlock(s)
- Shell Plating = Tin

#### Contact Features:

- [Contact Plating, Mating Area, Material](#) = Gold (30)
- Contact Base Material = Phosphor Bronze
- Performance Level = Level 2

#### Housing Features:

- Connector Style = Receptacle
- UL Flammability Rating = UL 94V-0
- Housing Material = Polyester 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
- Approved Standards = DIN 41652

#### Conditions for Usage:

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

#### Other:

- Brand = AMP

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