

## 205734-5 Product Details

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205734-5

TE Internal Number: 205734-5  
Active

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### Standard Board Mount Connectors

Always ELV Compliant ([Find RoHS Compliant Alternates/Statement of Compliance](#))

#### Product Highlights:

- 9 Positions
- Connector Style = Receptacle
- PCB Mounting Orientation = Vertical
- Product Series = HDP-20
- Without Mating Connector Lock

[View all Features](#)

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### Documentation & Additional Information

#### Product Drawings:

- [RECEPTACLE ASSEMBLY, SIZE 1, 9 POSN, VERTICAL, AMPLI...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### 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 U)
- [3D Model](#) (IGES, Version U)
- [3D Model](#) (STEP, Version U)

[List all Documents](#)

#### Additional Information:

- [Product Line Information](#)

#### Additional Product Images:

- [PCB Layout](#)

#### 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](#) = HDP-20
- [Mating Connector Lock](#) = Without
- [PCB Mount Retention](#) = Without
- [Shell Type](#) = Full Metal
- [Shell Size](#) = 1
- [Grounding Indents](#) = Without
- [Grounding Straps](#) = Without
- [PCB Mount Style](#) = Through Hole
- [Color Code](#) = None
- Sealed = No
- Profile = Standard
- Post Size (mm [in]) = 0.64 [.025]
- Shell Material = Steel

#### Mechanical Attachment:

- [Panel Mount Retention](#) = Without

#### Termination Features:

- [Grounding Clips](#) = Without
- [Termination Post Length \(mm \[in\]\)](#) = 16.52 [0.650]
- [Solder Tail Contact Plating](#) = Tin-Lead over Nickel

#### Body Features:

- [Number of Positions](#) = 9
- Insert Flammability Rating = UL 94V-0
- Insert Material = Polyamide, GV
- Shell Plating = Zinc

#### Contact Features:

- [Contact Plating, Mating Area, Material](#) = Gold (30), Gold Flash over Palladium Nickel
- Contact Shape = Square
- Contact Base Material = Phosphor Bronze

#### Housing Features:

- Connector Style = Receptacle

#### Industry Standards:

- [RoHS/ELV Compliance](#) = 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 ELV compliant

#### Conditions for Usage:

- [PCB Thickness, Recommended \(in \[mm\]\)](#) = 0.062 [1.57], 0.093 [2.36]

#### Operation/Application:

- Application = Standard

#### Other:

- Brand = AMP

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