

## 747190-2 Product Details

Live Product Chat



### 747190-2

TE Part Number: 747190-2

Active

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### Standard Board Mount Connectors

5 of 6 EU RoHS/ELV Compliant ([Find RoHS Compliant Alternates/Statement of Compliance](#))

#### Product Highlights:

- Number of Positions = 9
- Receptacle
- PCB Mount Angle = Vertical
- Product Series = HD 20
- With Mating Connector Lock

[View all Features](#) | [Find Similar Products](#)

### Quick Links

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### Documentation & Additional Information

#### Product Drawings:

- [RECEPTACLE ASSEMBLY, SIZE 1, 9 POS., VERTICAL, .025 ...](#) (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 G)
- [3D Model](#) (IGES, Version G)
- [3D Model](#) (STEP, Version G)

#### Additional Information:

- [Product Line Information](#)

#### Additional Product Images:

- [Product Photo](#)

#### Related Products:

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

[List all Documents](#)

### Product Features (Please use the Product Drawing for all design activity)

#### Product Type Features:

- [Number of Positions](#) = 9
- [Gender](#) = Receptacle
- [PCB Mount Angle](#) = Vertical
- [Product Series](#) = HD 20
- [Mating Connector Lock](#) = With
- [Mating Connector Lock Type](#) = Clinch Nut, 4-40 UNC
- [PCB Retention Feature](#) = No
- [Shell Type](#) = Full Metal
- [Shell Size](#) = 1
- [PCB Thickness \(in \[mm\]\)](#) = 0.062 - 0.093 [1.57 - 2.36]
- [Grounding Indents](#) = Without
- [Grounding Straps](#) = Without
- [PCB Mount Style](#) = Thru Hole
- [Color Code](#) = None
- Sealed = No
- Profile = High
- Post Size (mm [in]) = 0.64 [.025]
- Mounting Hole Diameter (mm [in]) = 3.05 [.120]
- Shell Material = Steel
- Clinch Nuts Material = Steel
- Comment = All receptacles are preloaded with size 20 DF posted socket contacts

#### Mechanical Attachment:

- [Panel Attachment](#) = Without

#### Termination Related Features:

- [Grounding Clips](#) = Without
- [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 3.18 [0.125]
- [Solder Tail Contact Plating](#) = Tin-Lead over Nickel

#### Body Related Features:

- Insert Flammability Rating = UL 94V-0
- Insert Material = Thermoplastic
- Shell Plating = Tin
- Clinch Nuts Plating = Zinc

#### Contact Related Features:

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

#### Industry Standards:

- [RoHS/ELV Compliance](#) = ELV compliant, 5 of 6 Compliant
- [Lead Free Solder Processes](#) = Not suitable for lead free processing

#### Operation/Application:

- Application = Standard

#### Other:

- Brand = AMP