

## 787190-1 Product Details

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787190-1

TE Internal Number: 787190-1

Active

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### .050 Series Board Mount Connectors

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

#### Product Highlights:

- Connector
- Connector Style = Receptacle
- 20 Positions
- Right Angle Mount Angle
- Through Hole Contact Termination Type

[View all Features](#)

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### Documentation & Additional Information

#### Product Drawings:

- [RECEPTACLE ASSEMBLY, SHIELDED, RIGHT ANGLE, RAILED, ...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- [Connector, AMPLIMITE, Shielded, .050 Series](#) (PDF, English)

#### Application Specifications:

- [AMPLIMITE .050 Series Insulation Displacement and Pr...](#) (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](#)

#### Related Products:

- [Tooling](#)

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

#### Product Type Features:

- [Product Type](#) = Connector
- Mount Angle = Right Angle
- PCB Mount Retention = Without
- [PCB Mount Polarization](#) = Without
- [Shell Type](#) = Full Metal
- [Product Series](#) = Series III
- Shell Material = Steel
- Bracket Material = Zinc

#### Mechanical Attachment:

- Mating Alignment = With
- Mating Alignment Type = Rails
- Bracket Plating = Nickel over Copper

#### Electrical Characteristics:

- [Shielded](#) = Yes

#### Termination Related Features:

- [Termination Post Length \(mm \[in\]\)](#) = 2.54 [0.100]

#### Body Related Features:

- [Number of Positions](#) = 20
- Mating Retention = With
- Centerline (mm [in]) = 1.27 [0.050]
- Post Plating = Tin Lead over Nickel
- Shell Plating = Bright Tin

#### Contact Related Features:

- [Contact Termination Type](#) = Through Hole
- [Contact Plating, Mating Area, Material](#) = Gold (30), Gold Flash over Palladium Nickel
- Contact Base Material = Phosphor Bronze

#### Housing Related Features:

- Connector Style = Receptacle
- Housing Material = Thermoplastic - GF
- UL Flammability Rating = UL 94V-0
- Housing Color = Black

#### Industry Standards:

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

#### Conditions for Usage:

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

#### Other:

- Brand = AMP

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