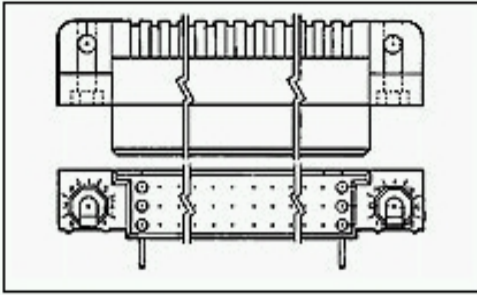


## 1-532431-9 Product Details

[Live Product Chat](#)



**1-532431-9**

TE Part Number: 1-532431-9

**Active**

[Add to Part List](#)

### AMP-HDI (Four Beam) & TBC (Twin Beam) Connectors

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

#### Product Highlights:

- Connector
- Receptacle
- Number of Positions = 252
- PCB Mount Style = Thru Hole
- PCB Mount Angle = Right Angle

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

#### Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)
- ▶ [Request Samples](#)

**NEW!**

### Documentation & Additional Information

#### Product Drawings:

- [HDI, 3 ROW, RECEPTACLE ASSEMBLY, 4.57 \[.180\] LONG SO...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- [Connector, Interconnect, High Density](#) (PDF, English)

#### Application Specifications:

- [AMP-HDI Connectors](#) (PDF, English)

#### Instruction Sheets:

- [AMP-HDI\\* HIGH DENSITY INTERCONNECTION PC BOARD CONNE...](#) (PDF, English)

#### CAD Files: ([CAD Format & Compression Information](#))

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

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

[List all Documents](#)

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

#### Product Type Features:

- [Product Type](#) = Connector
- [Gender](#) = Receptacle
- [Number of Positions](#) = 252
- [PCB Mount Style](#) = Thru Hole
- [PCB Mount Angle](#) = Right Angle
- [Make First / Break Last](#) = No
- [Mating Polarization](#) = Without
- [PCB Retention Feature](#) = No

#### Termination Related Features:

- [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 4.57 [0.180]
- [Solder Tail Contact Plating](#) = Tin-Lead

#### Body Related Features:

- [Number of Rows](#) = 3
- [Centerline \(mm \[in\]\)](#) = 2.54 [0.100]

#### Contact Related Features:

- [Contact Type](#) = Four-Beam
- [Contact Mating Area Plating Material](#) = Gold (30)
- [Contact Material](#) = Copper Alloy
- [Contact Underplating](#) = Nickel

#### Housing Related Features:

- [Housing Material](#) = Thermoplastic
- [Housing Color](#) = Natural
- [Housing Material Temperature](#) = High

#### Configuration Related Features:

- [Center Guide](#) = Without

#### Industry Standards:

- [Government/Industry Qualification](#) = No
- [RoHS/ELV Compliance](#) = ELV compliant, 5 of 6 Compliant
- [Lead Free Solder Processes](#) = Not suitable for lead free processing

#### Other:

- [Brand](#) = AMP