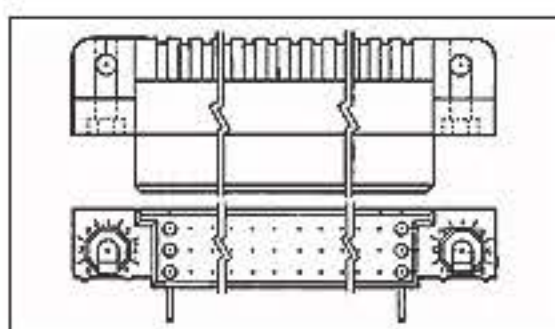




532431-1 Product Details

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532431-1

TE Internal Number: 532431-1

Active

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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
- 75 Positions
- PCB Mount Style = Through Hole
- PCB Mounting Orientation = Right Angle

[View all Features](#)

Quick Links

- ▶ [Check Pricing & Availability](#)
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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 Printed Circui...](#) (PDF, English)

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

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Connectors \(2\)](#)

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

Product Type Features:

- [Product Type](#) = Connector
- [Gender](#) = Receptacle
- [PCB Mount Style](#) = Through Hole
- [PCB Mounting Orientation](#) = Right Angle
- [Make First / Break Last](#) = No
- [PCB Mount Retention](#) = Without

Termination Features:

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

Body Features:

- [Number of Positions](#) = 75
- [Number of Rows](#) = 3
- [Centerline \(mm \[in\]\)](#) = 2.54 [0.100]

Contact Features:

- [Contact Configuration](#) = Four-Beam
- [Contact Plating, Mating Area, Material](#) = Gold (30)
- Contact Base Material = Copper Alloy
- Underplate Material = Nickel

Housing Features:

- [Mating Alignment](#) = Without
- Housing Material = Thermoplastic - GF
- Housing Color = Natural
- Housing Material Temperature = High

Configuration 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

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