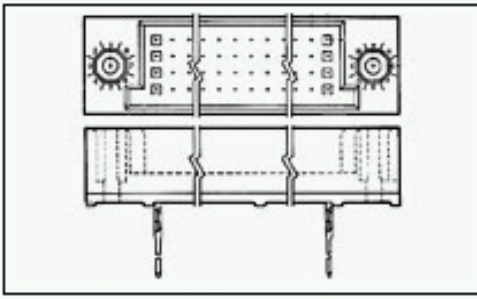


1-532448-1 Product Details

[Live Product Chat](#)



1-532448-1

TE Part Number: 1-532448-1

[Active](#)

[Add to Part List](#)

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

[Always EU RoHS compliant but not ELV Compliant \(Find RoHS Compliant Alternates/Statement of Compliance\)](#)

Product Highlights:

- Connector
- Plug
- Number of Positions = 280
- PCB Mount Style = Thru Hole
- PCB Mount Angle = Vertical

[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, 4 ROW, PIN ASSEMBLY, 6.35 \[.250\] LONG ACTION PI...](#) (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 J)
- [3D Model](#) (IGES, Version J)
- [3D Model](#) (STEP, Version J)

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](#) = Plug
- [Number of Positions](#) = 280
- [PCB Mount Style](#) = Thru Hole
- [PCB Mount Angle](#) = Vertical
- [Make First / Break Last](#) = No
- [Mating Polarization](#) = Without
- [PCB Retention Feature](#) = Yes

Termination Related Features:

- [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 6.35 [0.250]
- [Solder Tail Contact Plating](#) = Tin

Body Related Features:

- [Number of Rows](#) = 4
- [Centerline \(mm \[in\]\)](#) = 2.54 [0.100]
- [PCB Retention Method](#) = ACTION (Compliant) Press-fit Posts

Contact Related Features:

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

Housing Related Features:

- [Housing Material](#) = Polyphenylene Sulfide (PPS)
- [Housing Color](#) = Brown
- [Housing Material Temperature](#) = High

Configuration Related Features:

- [Center Guide](#) = Without

Industry Standards:

- [Government/Industry Qualification](#) = No
- [RoHS/ELV Compliance](#) = RoHS/Not ELV Compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- [RoHS/ELV Compliance History](#) = Always was RoHS not ELV compliant

Other:

- [Brand](#) = AMP