



3-440205-0 Product Details

[Share](#) [Print](#) [Email](#)


3-440205-0

TE Internal Number: 3-440205-0

Active

[View 3D PDF](#)

High Performance Interconnects (HPI)

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- HPI Product Line
- Header
- Wire-to-Board
- Connector Style = Plug

[View all Features](#)

Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(2\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#) [Request Sample](#) [Find Similar Products](#) [Buy Product](#)

Documentation & Additional Information

Product Drawings:

- [2.0MM PITCH HPI VERTICAL POST HEADERS, LACK PIN.](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(2\)](#)

[List all Documents](#)

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

Product Type Features:

- [Product Type](#) = Connector
- [Product Line](#) = HPI
- [Connector Type](#) = Header
- [Wire/Cable Type](#) = Discrete Wire
- [Mount Angle](#) = Vertical
- [PCB Mounting Orientation](#) = Vertical
- [PCB Mount Alignment](#) = Without
- [PCB Mount Retention](#) = With
- [PCB Mount Retention Type](#) = Retention Solder Tails
- [Wire Size \(mm² \[AWG\]\)](#) = 0.05²-0.20² [30-24]
- [Sealed](#) = No

Electrical Characteristics:

- [Contact - Rated Current \(A\)](#) = 3
- [Operating Voltage Reference](#) = AC/DC
- [Operating Voltage \(VAC\)](#) = 100
- [Operating Voltage \(VDC\)](#) = 100

Termination Features:

- [Contact Termination Type](#) = Through Hole
- [Wire/Cable Size \(AWG\)](#) = 24 - 30
- [Termination Method to PC Board](#) = Through Hole
- [Termination Post Length \(mm \[in\]\)](#) = 3.40 [0.134]

Dimensions:

- [Mating Post Length \(mm \[in\]\)](#) = 3.35 [0.131]
- [PCB Thickness, Recommended \(mm \[in\]\)](#) = 1.00 - 1.17 [0.039 - 0.046]

Housing Features:

- [Connector Style](#) = Plug
- [Housing Color](#) = Natural
- [Centerline \(mm \[in\]\)](#) = 2.00 [0.079]
- [Housing Material](#) = Thermoplastic - GF

Configuration Features:

- [Number of Positions](#) = 10
- [Number of Rows](#) = Single
- [Tail Orientation](#) = Kink
- [Post Number\(s\) Omitted](#) = 2
- [Shrouded](#) = Yes - Partial

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not suitable for lead free processing
- [RoHS/ELV Compliance History](#) = Always was RoHS compliant
- [UL Flammability Rating](#) = UL 94V-0

Environmental:

- [Operating Temperature \(°C \[°F\]\)](#) = -25 - +85 [-13 - +185]

Conditions for Usage:

- [Applies To](#) = Printed Circuit Board
- [Mates With](#) = 440129-x

Operation/Application:

- [Application Use](#) = Wire-to-Board
- [Pick and Place Cover](#) = Without

- Tail Length (mm [in]) = 3.4 [0.134]
- Length (X-Axis) (mm [in]) = 22.00 [0.8661]
- Width (Z-Axis) (mm [in]) = 4.70 [0.185]
- Profile Height (Y-Axis) (mm [in]) = 6.05 [0.238]

Body Features:

- Locking Interface = Without
- Mating Retention = Without
- Post Material = Brass
- Post Plating = Tin
- Selectively Loaded = Yes

Contact Features:

- Contact Type = Pin
- Contact Plating, Mating Area, Material = Brass
- Contact Design = Pin
- Contact Base Material = Brass
- Contact Finish = Tin
- Contact Plating, Termination Area, Material = Brass

Packaging Features:

- Packaging Method = Bag

Other:

- Brand = TE Connectivity

Corporate Information

- [About TE](#)
- [Investors](#)
- [News Room](#)
- [Supplier Portal](#)
- [Careers](#)
- [Terms & Conditions](#)
- [Privacy Policy](#)
- [AODA Accessibility Policy](#)
- [AODA Multi-Year Accessibility Plan](#)

Quick Links

- [Distributor Inventory](#)
- [Product Cross Reference](#)
- [Documents & Drawings](#)
- [Product Compliance Support Center](#)
- [Site Map](#)

Customer Support

- [Email or Chat With Us](#)
- [Find a Phone Number](#)
- [Knowledge Base](#)
- [Manage Your Account](#)

Keep Me Informed

