



# 1735447-5 Product Details

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**1735447-5**

TE Internal Number: 1735447-5

**Active**
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## High Performance Interconnects (HPI)

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- Connector
- HPI Product Line
- Housing
- Wire/Cable
- Connector Style = Receptacle

[View all Features](#)

### Quick Links

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## Documentation & Additional Information

**Product Drawings:**

- [HPI 2.0 RECEPTACLE HOUSING WITH LATCH \(PDF, English\)](#)

**Catalog Pages/Data Sheets:**

- None Available

**Product Specifications:**

- [HPI CONNECTOR, 2.0MM PITCH, LOCKING TYPE \(PDF, English\)](#)

**Application Specifications:**

- None Available

**Instruction Sheets:**

- None Available

**CAD Files: (CAD Format & Compression Information)**

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

[List all Documents](#)

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)
- [Mating Products \(1\)](#)

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

**Product Type Features:**

- [Product Type](#) = Connector
- Product Line = HPI
- Connector Type = Housing
- Wire/Cable Type = Discrete Wire
- Wire Size (mm<sup>2</sup> [AWG]) = 0.05<sup>2</sup>-0.20<sup>2</sup> [30-24]
- Sealed = No

**Electrical Characteristics:**

- Contact - Rated Current (A) = 1 - 3
- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 250
- Operating Voltage (VDC) = 250

**Termination Features:**

- Wire/Cable Size (AWG) = 24 - 30

**Dimensions:**

- Length (X-Axis) (mm [in]) = 10.80 [0.425]
- Width (Z-Axis) (mm [in]) = 9.40 [0.370]
- Profile Height (Y-Axis) (mm [in]) = 6.55 [0.258]

**Body Features:**

- Locking Interface = With
- Mating Retention = With
- Selectively Loaded = No

**Contact Features:**

- Contact Type = Socket

**Configuration Features:**

- [Number of Positions](#) = 5
- [Number of Rows](#) = Single
- Shrouded = Yes

**Industry Standards:**

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- 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 = Wire/Cable
- Mates With = 1735446-x

**Operation/Application:**

- Application Use = Wire/Cable
- Pick and Place Cover = Without

**Packaging Features:**

- Packaging Method = Bag

**Other:**

- Brand = TE Connectivity

Feedback

**Housing Features:**

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

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