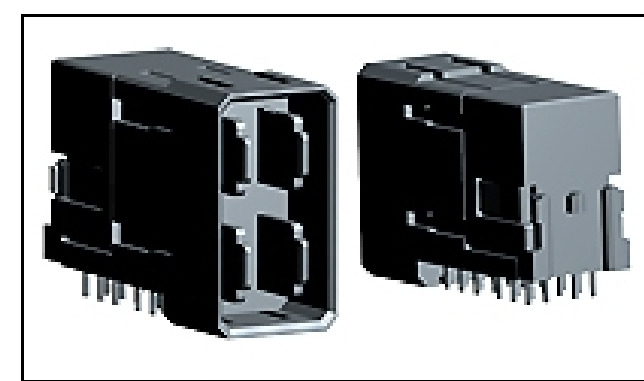


2169802-1 Product Details

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


2169802-1

Impact High Density Backplane Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector Style = Header
- 12/Power
- 24 Positions
- Header Type = Partially Shrouded
- Board-to-Board Configuration = Right Angle

[View all Features](#)

TE Internal Number: 2169802-1

Active

[View 3D PDF](#)

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

Quick Links

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

Documentation & Additional Information

<p>Product Drawings:</p> <ul style="list-style-type: none"> • None Available <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • None Available <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files: (CAD Format & Compression Information)</p> <ul style="list-style-type: none"> • 2D Drawing (DXF, Version A) • 3D Model (IGES, Version A) • 3D Model (STEP, Version A) 	<p>Related Products:</p> <ul style="list-style-type: none"> • Tooling
---	---

[List all Documents](#)

Feedback

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

<p>Product Type Features:</p> <ul style="list-style-type: none"> • PCB Mount Retention Type = Action/Compliant Tail <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Operating Voltage Reference = DC, AC rms • Operating Voltage (VAC) = 250 • Operating Voltage (VDC) = 250 <p>Dimensions:</p> <ul style="list-style-type: none"> • Stack Height (mm [in]) = 19.95 [0.7854] • Tail Length (mm [in]) = 2.5 [0.098] • Length (X-Axis) (mm [in]) = 27.97 [1.101] • Width (Z-Axis) (mm [in]) = 11.00 [0.433] • Profile Height (Y-Axis) (mm [in]) = 19.95 [0.7854] • PCB Hole Diameter (mm [in]) = 0.725 [0.0285] <p>Body Features:</p> <ul style="list-style-type: none"> • Header Type = Partially Shrouded <p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Type = Pin • Contact Length (mm [in]) = 6.90 [0.271] • Contact Plating, Termination Area, Material = Matte Tin • Contact Plating, Termination Area, Thickness (µm [µin]) = 2.54 [100] • Contact Base Material = Copper Alloy • Underplate Material = Nickel • Underplate Material Thickness (µm [µin]) = 1.27 [50.000] <p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Header • Housing Color = Black • Housing Material = Liquid Crystal Polymer (LCP) 	<p>Configuration Features:</p> <ul style="list-style-type: none"> • Connector Contact Configuration (No. of Pos./Type) = 12/Power • Number of Positions = 24 • Number of Columns = 2 • Number of Rows = 6 • Tail Orientation = In-line <p>Industry Standards:</p> <ul style="list-style-type: none"> • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Not reviewed for lead free solder process • RoHS/ELV Compliance History = Always was RoHS compliant • UL Rating = Recognized • UL File Number = E28476 • UL Flammability Rating = UL 94V-0 • CSA Certified = Yes <p>Environmental:</p> <ul style="list-style-type: none"> • Operating Temperature (°C [°F]) = -55 - +85 [-67 - +185] <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Board-to-Board Configuration = Right Angle <p>Operation/Application:</p> <ul style="list-style-type: none"> • Industry Application = Networking (Communications) <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Tray <p>Other:</p> <ul style="list-style-type: none"> • 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

