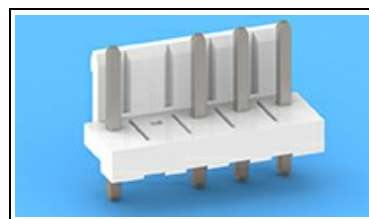




# 1-1717011-1 Product Details

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


**1-1717011-1**

TE Internal Number: 1-1717011-1

Active

## Economy Power Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- Economy Power Product Line
- Connector
- Wire-to-Board
- Applies To Printed Circuit Board
- 4 Positions

[View all Features](#)

### Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [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:

- [3.96\(7.92\)MM PITCH ECONOMY POWER\(EP\) CONN HEADER ASSY \(PDF, English\)](#)

### Catalog Pages/Data Sheets:

- None Available

### Product Specifications:

- None Available

### Application Specifications:

- None Available

### Instruction Sheets:

- None Available

### CAD Files:

- None Available

### Related Products:

- [Tooling](#)

[List all Documents](#)

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

### Product Type Features:

- Product Line = Economy Power
- Product Type = Connector
- Connector Type = Header
- PCB Mounting Orientation = Vertical
- PCB Mount Retention = Without
- PCB Mount Alignment = Without
- Sealed = No

### Mechanical Attachment:

- Mating Retention Type = Latching

### Electrical Characteristics:

- Contact - Rated Current (A) = 7.5
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 250

### Termination Features:

- Termination Method to PC Board = Through Hole - Solder

### Dimensions:

- Mating Post Length (mm [in]) = 7.70 [0.303]
- PCB Thickness, Recommended (mm [in]) = 1.60 [0.063]
- Tail Length (mm [in]) = 3.7 [0.146]
- Length (X-Axis) (mm [in]) = 19.74 [0.7772]
- Width (Z-Axis) (mm [in]) = 10.70 [0.421]
- Profile Height (Y-Axis) (mm [in]) = 8.50 [0.3346]

### Body Features:

- Selectively Loaded = Yes
- Header Type = Unshrouded
- Mating Retention = With

### Housing Features:

- Centerline (mm [in]) = 3.96 [0.156]
- Connector Style = Plug
- Housing Color = Natural
- Housing Material = PBT - GF
- Mating Alignment = With

### Configuration Features:

- Number of Positions = 4
- Number of Rows = 1
- Tail Orientation = In-line

### Industry Standards:

- 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 Flammability Rating = UL 94V-0

### Environmental:

- Operating Temperature (°C [°F]) = -25 - +105 [-13 - +221]

### Conditions for Usage:

- Applies To = Printed Circuit Board
- Glow Wire Rating = Glow Wire

### Operation/Application:

- Application Use = Wire-to-Board
- Contact Transmits (Typical Application) = Power

### Packaging Features:

- Packaging Method = Bag

**Contact Features:**

- Contact Type = Pin
- Contact Plating, Termination Area, Material = Tin
- Contact Plating, Termination Area, Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 1 [39.37]
- Contact Plating, Mating Area, Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 1 [39.37]
- Contact Plating, Mating Area, Material = Tin
- Contact Design = Square Post
- Contact Base Material = Brass

**Other:**

- Brand = AMP

**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**

