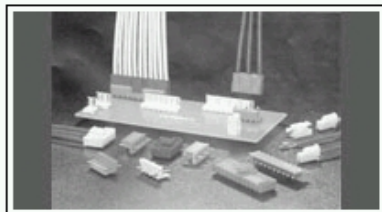


1-1717011-4 Product Details

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1-1717011-4

TE Internal Number: 1-1717011-4

 Active

 View 3D PDF

Economy Power Connectors

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Economy Power Product Line
- Applies To Printed Circuit Board
- Connector
- 3.96 mm Centerline
- Header

[View all Features](#)

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- ▶ [Contact Us About This Product](#)

Documentation & Additional Information

Product Drawings:

- [3.96\(7.92\)MM PITCH ECONOMY POWER\(EP\) CONN HEADER ASSY](#) (PDF, English)
- [ECONOMY POWER \(EP\) CONN HEADER ASSY 3.96/7.92/11.88m...](#) (PDF, Japanese)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [EP II Connector System](#) (PDF, English)
- [Economy Power \(EP\) Connector](#) (PDF, Japanese)

Application Specifications:

- [Economy Power II Contacts and Connectors](#) (PDF, English)
- [Crimping Economy Power \(EP\) Contact](#) (PDF, Japanese)

Instruction Sheets:

- [Economy Power \(EP\) Connector](#) (PDF, Japanese)

CAD Files: ([CAD Format & Compression Information](#))

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

Related Products:

- [Tooling](#)
- [Mating Products \(8\)](#)

[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
- Termination Method to PC Board = Through Hole - Solder
- 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:

- Tail Orientation = In-line
- Tail Length (mm [in]) = 3.7 [0.146]

Dimensions:

- Profile Height (Y-Axis) (mm [in]) = 8.50 [0.3346]

Body Features:

- [Centerline \(mm \[in\]\)](#) = 3.96 [0.156]
- Header Type = Unshrouded
- [Number of Positions](#) = 5
- Selectively Loaded = Yes
- Mating Retention = With
- Number of Rows = 1
- Length (X-Axis) (mm [in]) = 19.74 [0.7772]
- Width (Z-Axis) (mm [in]) = 10.70 [0.421]

Contact Features:

- Contact Type = Pin
- Contact Base Material = Brass
- Contact Plating, Mating Area, Material = Tin
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.8 [31.5]
- Contact Design = Square Post
- Tail Plating Material = Tin
- Tail Plating, Thickness (µm [µin]) = 0.8 [31.46]

Housing Features:

- Connector Style = Plug
- Housing Material = PBT
- Housing Color = Natural
- Mating Alignment = With
- UL Flammability Rating = UL 94V-0

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Environmental:

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

Conditions for Usage:

- Applies To = Printed Circuit Board
- PCB Thickness, Recommended (mm [in]) = 1.60 [0.063]

Operation/Application:

- Contact Transmits (Typical Application) = Power

Other:

- Brand = AMP

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