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## 1744416-5 Product Details



# **Economy Power Connectors**

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- . Economy Power II Product Line
- Connector
- Wire-to-Board
- Applies To Wire/Cable
- 5 Positions

View all Features

TE Internal Number: 1744416-5 Active

1744416-5

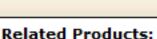












Tooling

#### Documentation & Additional Information

#### Product Drawings:

RECEPTACLE HOUSING, ECONOMY POWER II, GLOW WIRE (PDF, English)

#### Catalog Pages/Data Sheets:

None Available

#### Product Specifications:

EP II Connector System (PDF, English)

#### Application Specifications:

Economy Power (EP)-II Contacts and Receptacle Housings (PDF, English)

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

#### Instruction Sheets:

None Available

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

- 2D Drawing (DXF, Version C)
- 3D Model (IGES, Version C)
- 3D Model (STEP, Version C)

# List all Documents

# Product Type Features:

- Product Line = Economy Power II
- Product Type = Connector
- Connector Type = Housing
- Sealed = No

### Mechanical Attachment:

Mating Retention Type = Latch(ing)

### Electrical Characteristics:

- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 600

### Termination Features:

- Wire/Cable Size (AWG) = 16 22
- Wire/Cable Size (mm²) = 0.0253 0.0508
- Termination Method to Wire/Cable = Crimp

### Dimensions:

- Width (Z-Axis) (mm [in]) = 13.30 [0.524]
- Profile Height (Y-Axis) (mm [in]) = 11.00 [0.433]

### Body Features:

Mating Retention = With

### Contact Features:

Contact Type = Socket

## Housing Features:

- Centerline (mm [in]) = 3.96 [0.156]
- Connector Style = Receptacle
- Housing Color = Natural
- Housing Material = Nylon GF

### Configuration Features:

- Number of Positions = 5
- Number of Rows = 1

### 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

## Conditions for Usage:

- Applies To = Wire/Cable
- Glow Wire Rating = Glow Wire
- Accepts Wire Insulation Diameter, Range (mm [in]) = 1.70 3.00 [0.067 - 0.118]

## Operation/Application:

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

Brand = TE Connectivity

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