# 1969591-3 Product Details





Active

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## Economy Power Connectors

HSG,REC,PANEL MOUNT,GWT,SINGLE ROW,EP2.5

**1969591-3**

*TE Internal Number: 1969591-3*

**Product Highlights** View All

- Economy Power 2.5 Product Line
- Connector
- Wire-to-Wire, Wire-to-Panel
- Applies To Wire/Cable
- 3 Positions

Pricing & Availability

Request Sample

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Documents | Features | Compliance

**Please Note:**
*Use the Product Drawing for all design activity*

### Product Type Features

| | |
|---|---|
| Product Line | Economy Power 2.5 |
| Product Type | Connector |
| Connector Type | Housing |
| Sealed | No |

### Mechanical Attachment

| | |
|---|---|
| Mating Retention Type | Latch(ing) |

### Electrical Characteristics

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

### Termination Features

| | |
|---|---|
| Wire/Cable Size (AWG) | 22 – 26 |
| Wire/Cable Size (mm²) | 0.13 – 0.33 |
| Termination Method to Wire/Cable | Crimp |

### Dimensions

| | |
|---|---|
| Length (X-Axis) (mm [in]) | 10.00 [0.393] |
| Width (Z-Axis) (mm [in]) | 18.17 [0.715] |
| Profile Height (Y-Axis) (mm [in]) | 6.60 [0.260] |

### Body Features

| | |
|---|---|
| Mating Retention | With |

### Contact Features

| | |
|---|---|
| Contact Type | Pin |

### Housing Features

| | |
|---|---|
| Centerline (mm [in]) | 2.50 [0.098] |
| Connector Style | Receptacle |
| Housing Color | Natural |
| Housing Material | Nylon - GF |

### Configuration Features

| | |
|---|---|
| Number of Positions | 3 |
| Number of Rows | 1 |

### 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 | Wire/Cable |
| Glow Wire Rating | Glow Wire |
| Accepts Wire Insulation Diameter, Range (mm [in]) | 1.30 – 1.70 [0.051 – 0.067] |

### Operation/Application

| | |
|---|---|
| Application Use | Wire-to-Wire, Wire-to-Panel |
| Contact Transmits (Typical Application) | Power |

### Packaging Features

| | |
|---|---|
| Packaging Method | Bag/Box |

### Other

| | |
|---|---|
| Brand | TE Connectivity |
| Comment | Panel Mount |

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