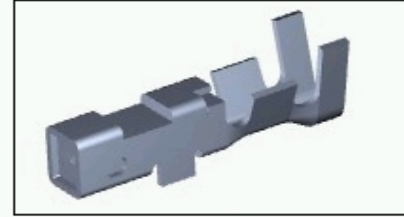




## 1747062-1 Product Details

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1747062-1

2, 2.5, 3.3, 3.5, 3.96 & 6.2 Centerline 600 V, 12 A max.

Always EU RoHS/ELV Compliant (Statement of Compliance)

**Product Highlights:**

- Universal Power Product Line
- Wire-to-Wire
- Applies To Wire/Cable
- Glow Wire Rating = Standard Part, Not Glow Wire
- Contact

[View all Features](#)

TE Internal Number: 1747062-1

Active

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**Documentation & Additional Information**

- Product Drawings:**
- [GRACE INERTIA CONNECTOR 2.0 AND 2.5 REC CONTACT \(PDF, Japanese\)](#)

- Catalog Pages/Data Sheets:**
- None Available

- Product Specifications:**
- [GRACE INERTIA CONNECTOR 2.5 \(PDF, Japanese\)](#)
  - [GRACE INERTIA CONNECTOR 2.0 \(PDF, Japanese\)](#)

- Application Specifications:**
- [CRIMPING GRACE INERTIA CONNECTOR 2.0 AND 2.5 \(PDF, Japanese\)](#)

- Instruction Sheets:**
- None Available

- CAD Files:** (CAD Format & Compression Information)
- [2D Drawing \(DXF, Version J\)](#)
  - [3D Model \(IGES, Version J\)](#)
  - [3D Model \(STEP, Version J\)](#)

- Related Products:**
- [Tooling](#)
  - [Housings \(10\)](#)

[List all Documents](#)

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

- Product Type Features:**
- Product Line = Universal Power
  - Product Type = Contact
  - Termination Method to Wire/Cable = Crimp
  - Wire/Cable Type = Discrete Wire
  - Sealed = No
- Mechanical Attachment:**
- Contact Retention = With
  - Contact Retention Type = Locking Lance
- Electrical Characteristics:**
- Operating Voltage Reference = AC/DC
  - Operating Voltage (VAC) = 50
  - Operating Voltage (VDC) = 50
- Termination Features:**
- Wire/Cable Size (mm<sup>2</sup>) = 0.079 - 0.38
  - Wire/Cable Size (AWG) = 22 - 28
- Body Features:**
- Wire Type = Stranded
  - Underplate Material Thickness (µm [µin]) = 1.27 [50.000]
- Contact Features:**
- Contact Type = Socket
  - Contact Base Material = Phosphor Bronze
  - Contact Plating, Mating Area, Material = Gold
  - Contact Plating, Mating Area, Thickness (µm [µin]) = 0.4 [15.75]
  - Underplate Material = Nickel

- 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
- Environmental:**
- Operating Temperature (°C [°F]) = -30 - +105 [-22 - +221]
- Conditions for Usage:**
- Applies To = Wire/Cable
  - Glow Wire Rating = Standard Part, Not Glow Wire
  - Accepts Wire Insulation Diameter, Range (mm [in]) = 1.08 - 1.50 [0.0425 - 0.059]
  - For Use With = Plug Housing
- Operation/Application:**
- Application Use = Wire-to-Wire
  - Contact Transmits (Typical Application) = Signal (Data)
- Packaging Features:**
- Packaging Method = Reel
  - Packaging Quantity = 6,000
- Other:**
- Brand = TE Connectivity
  - Comment = Use with Grace Inertia Connector 2.0 and 2.5.

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