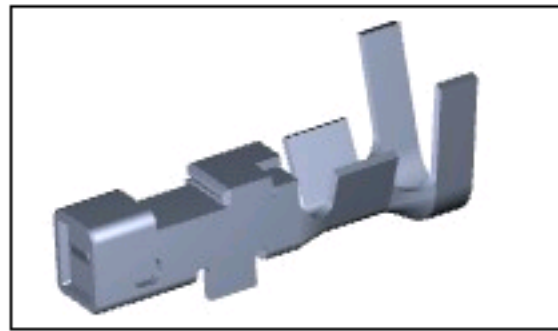


1747063-1 Product Details

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1747063-1

TE Internal Number: 1747063-1

Active

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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](#)

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Documentation & Additional Information

Product Drawings:

- [GRACE INERTIA CONNECTOR 2.5 REC CONTACT \(M TYPE\) \(PDF, Japanese\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [GRACE INERTIA CONNECTOR 2.5 \(PDF, Japanese\)](#)

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 (mm²) = 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]) = 1.09 - 1.90 [0.0429 - 0.075]
- 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 2.5 M Type.

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