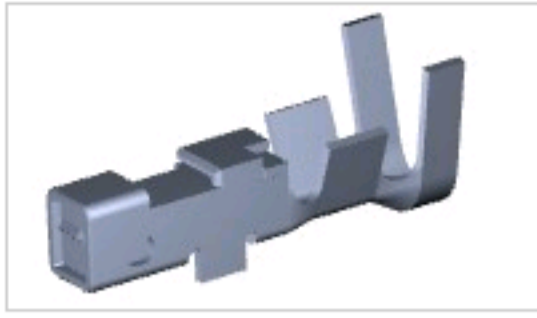


# 1747591-1 Product Details

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

GRACE INERTIA CONN 2.5 REC CONTACT

**1747591-1**

TE Internal Number: 1747591-1

**Active**

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**Product Highlights** [View All](#)

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

- [Pricing & Availability](#)
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Feedback

[Documents](#) | [Features](#) | [Compliance](#)

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

Product Type Features	
Product Line	Universal Power
Product Type	Contact
Wire/Cable Type	Discrete Wire
Sealed	No
Mechanical Attachment	
Contact Retention	With
Contact Retention Type	Locking Lance
Electrical Characteristics	
Contact - Rated Current (A)	2.5 - 3
Operating Voltage Reference	AC/DC
Operating Voltage (VAC)	50
Operating Voltage (VDC)	50
Termination Features	
Wire/Cable Size (mm <sup>2</sup> )	0.31 - 0.53
Wire/Cable Size (AWG)	20 - 22
Termination Method to Wire/Cable	Crimp
Body Features	
Wire Type	Stranded
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
Underplate Material Thickness (µm [µin])	1.27 [50.000]

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])	1.40 - 1.90 [0.055 - 0.075]
For Use With	Tab Contact
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 L Type.

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