



# 1473063-2 Product Details

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**1473063-2**

## Dynamic Series Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- Dynamic Series Product Line
- Micro Motor Connector Series
- Wire-to-Motor, Wire-to-Wire
- Applies To Servo Motor, Applies To Wire/Cable
- Connector

[View all Features](#)

### Quick Links

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TE Internal Number: 1473063-2

Active

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## Documentation & Additional Information

### Product Drawings:

- [REC. KIT NEW MOTOR CONN.](#) (PDF, English)

### Catalog Pages/Data Sheets:

- None Available

### Product Specifications:

- [NEW MOTOR CONNECTOR PRODUCT SPECIFICATION](#) (PDF, Japanese)

### Application Specifications:

- [EP Contact for NEW MOTOR CONNECTOR](#) (PDF, Japanese)

### Instruction Sheets:

- [The extraction tool for New Motor Conn. EP contact](#) (PDF, English)
- [New Motor Connector](#) (PDF, Japanese)

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

- [2D Drawing](#) (DXF, Version 02)
- [3D Model](#) (IGES, Version 02)
- [3D Model](#) (STEP, Version 02)

### Related Products:

- [Tooling](#)

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

### Product Type Features:

- Product Line = Dynamic Series
- Product Type = Connector
- Connector Type = Connector Assembly
- Sealed = Yes
- Wire/Cable Type = Discrete Wire
- CSA File Number = LR7189

### Mechanical Attachment:

- Mating Retention Type = Screw
- Panel Mount Retention = Without
- Contact Retention = With
- Contact Retention Type = Locking Lance

### Electrical Characteristics:

- Contact - Rated Current (A) = 7
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 500

### Termination Features:

- Wire/Cable Size (mm<sup>2</sup>) = 0.53 - 1.37
- Wire/Cable Size (AWG) = 16 - 20
- Termination Method to Wire/Cable = Crimp
- Seal Type = Wire Rubber Packing

### Body Features:

- Mating Retention = With

### Configuration Features:

- Number of Positions = 6
- Number of Rows = 1
- Strain Relief = With

### 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
- Agency/Standard = UL, CSA
- UL Rating = Recognized
- UL File Number = E28476
- CSA Rating = Certified
- UL Flammability Rating = UL 94V-0

### Identification Marking:

- Circuit Identification Feature = Without

### Environmental:

- Operating Temperature (°C [°F]) = -30 - +105 [-22 - +221]

### Conditions for Usage:

- [Applies To](#) = Servo Motor, Wire/Cable
- For Use With = Appropriate Motor Connector
- Accepts Wire Insulation Diameter, Range (mm [in]) = 1.80 - 2.80 [0.071 - 0.110]

Feedback

- Wire Type = Stranded
- Seal Material = NBR (Nitrile Butadiene Rubber)
- Seal Color = Blue, Black

**Contact Features:**

- Contact Type = Socket
- Contact Layout = Single Row
- Contact Base Material = Copper Alloy
- Contact Plating, Mating Area, Material = Gold
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.2 [7.87]
- Multiple Contact Types = Without
- Underplate Material = Nickel
- Underplate Material Thickness (µm [µin]) = 0.80 [31.496]
- Sealable = Yes

**Housing Features:**

- Connector Style = Receptacle
- Centerline (mm [in]) = 5.00 [0.197]
- Housing Material = Polyester - GF
- Housing Color = Black
- Mating Alignment = With
- Mating Alignment Type = Polarization

**Operation/Application:**

- Application Use = Wire-to-Motor, Wire-to-Wire
- Application = Micro Motor

**Packaging Features:**

- Packaging Method = Bag
- Packaging Quantity = 1

**Other:**

- Series = Micro Motor Connector
- Brand = AMP

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