



# 1827570-2 Product Details

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**1827570-2**

TE Internal Number: 1827570-2

Active

## Dynamic Series Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- Dynamic Series Product Line
- D-1 Series
- Series No. = 1000
- Wire-to-Wire
- Applies To Wire/Cable

[View all Features](#)

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## Documentation & Additional Information

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### Related Products:

- [Tooling](#)

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

### Product Type Features:

- Product Line = Dynamic Series
- Product Type = Contact
- [Insertion Force](#) = High
- Wire/Cable Type = Discrete Wire

### Electrical Characteristics:

- Contact - Rated Current (A) = 3
- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 125
- Operating Voltage (VDC) = 125

### Termination Features:

- Wire/Cable Size (mm<sup>2</sup>) = 0.08 - 0.38
- Wire/Cable Size (AWG) = 22 - 28
- Termination Method to Wire/Cable = Crimp

### Body Features:

- Wire Type = Stranded

### Contact Features:

- Contact Type = Socket
- Contact Base Material = Copper Alloy
- [Contact Plating, Mating Area, Material](#) = Gold
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.38 [15]
- Multiple Contact Types = Without
- 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

### Identification Marking:

- Wire Range Mark = M

### Environmental:

- Operating Temperature (°C [°F]) = -55 - +105 [-67 - +221]

### Conditions for Usage:

- [Applies To](#) = Wire/Cable
- For Use With = Tab Contact
- Accepts Wire Insulation Diameter, Range (mm [in]) = 1.08 - 1.60 [0.0425 - 0.063]

### Operation/Application:

- Application Use = Wire-to-Wire

### Packaging Features:

- Packaging Method = Reel
- Packaging Quantity = 6,000

### Other:

- Series = D-1
- Series No. = 1000
- Brand = TE Connectivity

Feedback

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