



1-917511-3 Product Details

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1-917511-3

TE Internal Number: 1-917511-3

Active

Dynamic Series Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Dynamic Series Product Line
- D-3 Series
- Series No. = 3000
- Wire-to-Wire
- Applies To Wire/Cable

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Documentation & Additional Information

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

Product Type Features:

- Product Line = Dynamic Series
- Product Type = Contact
- [Insertion Force](#) = High
- Sealed = No
- Wire/Cable Type = Discrete Wire

Electrical Characteristics:

- Contact - Rated Current (A) = 5, 7.5
- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 250, 600
- Operating Voltage (VDC) = 250, 600

Termination Features:

- Wire/Cable Size (mm²) = 1.25 - 2.27
- Wire/Cable Size (AWG) = 14 - 16
- 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]) = 0.76 [29.92]
- Multiple Contact Types = Without
- Underplate Material = Nickel
- Underplate Material Thickness (µm [µin]) = 1.30 [51.180]

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 = 2L

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]) = 2.20 - 2.80 [0.0866 - 0.110]

Operation/Application:

- Application Use = Wire-to-Wire
- Contact Transmits (Typical Application) = Power

Packaging Features:

- Packaging Method = Bag
- Packaging Quantity = 1,000

Other:

- Series = D-3
- Series No. = 3000
- Brand = AMP

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