



+ CONNECTORS

HOUSINGS



✓ Active

TE CONNECTIVITY (TE)

## 2.5MM PITCH SIGNAL MATE CONN

Signal Double Lock | Signal Double Lock

1-1376477-2

TE Internal Number: 1-1376477-2

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Centerline (mm) 2.5

Contact Current Rating (Max) (A) 2.5

Termination Method to Wire/Cable Crimp

Number of Positions 2

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### DOCUMENTATION

Product Drawings

#### 2.5mm SIGNAL MATE CONN PLUG HOUSING

PDF (TIFF AVAILABLE)

English

CAD Files

#### Customer View Model

2D\_DXF.ZIP

English

#### 3D PDF

PDF

## 3D

### Customer View Model

3D\_IGS.ZIP

English

### Customer View Model

3D\_STP.ZIP

English

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Product Specifications

Product Specification

### 2.5 Signal Mate Connector (SMC)

TIF

Japanese

### 2.5 Signal Mate Connector (SMC)

PDF

Japanese

Application Specification

### Crimping 2.5mm Pitch Signal Mate Contact

PDF

English

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## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

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

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Product Type Features

**Connector System** Wire-to-Board

**Applies To** Printed Circuit Board

**Sealed** No

**Glow Wire Rating** Standard Part - Not Glow Wire

**Strain Relief** Without

**Connector Type** Housing

**Product Type** Connector

**Connector Style** Plug, Receptacle

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Configuration Features

**Number of Positions** 2

**Number of Rows** 1

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Electrical Characteristics

**Operating Voltage** 50 VAC, 50 VDC

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Body Features

**Color** Red

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## Contact Features

**Contact Current Rating (Max) (A)** 2.5

**Contact Base Material** Phosphor Bronze

**Contact Layout** Inline

**Contact Type** Pin

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## Termination Features

**Termination Method to Wire/Cable** Crimp

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## Mechanical Attachment

**Mating Retention** With

**Mating Retention Type** Latch

**Mating Connector Lock Type** Latch

**Panel Mount Retention** Without

**Mating Alignment Type** Polarization

**Lock Type** Latch

**Mating Connector Lock** With

**Mating Alignment** Without

**PCB Mount Retention** Without

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## Housing Features

**Centerline (mm)** 2.5

**Centerline (Pitch) (in)** .1

**Housing Material** Nylon 66 GF

**Housing Color** Red

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## Dimensions

**Length** 7.5 mm [ .295 in ]

**Wire/Cable Size (AWG)** 26 – 22

**Wire/Cable Size (mm<sup>2</sup>)** .12 – .38

**Height** 6.5 mm [ .256 in ]

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## Usage Conditions

**Operating Temperature Range** -30 – 105 °C [ -22 – 221 °F ]

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## Operation/Application

**For Use With** Header Assembly

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## Industry Standards

**UL Flammability Rating** UL 94V-0

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## Packaging Features

**Packaging Method** Bag

**Packaging Quantity** 600

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## Statement of Compliance

**Statement of Compliance**

