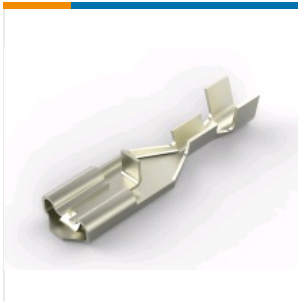




# WIRE-TO-BOARD CONNECTOR CONTACTS



TE CONNECTIVITY (TE)

## .187 POSITIVE LOCK MK-II NI

Positive Lock | Positive Lock Connection System

170324-2

TE Internal Number: 170324-2

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Wire/Cable Size (AWG) **24 – 20**

Wire/Cable Size (mm<sup>2</sup>) **.2 – .6**

Contact Mating Area Plating Material **Nickel**

Packaging Method **Strip**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[".187 " SERIES POSITIVE LOCK \(MARKII\) REC.](#)

PDF (TIFF AVAILABLE)  
English

[".187 " SERIES POSITIVE LOCK \(MARKII\) REC.](#)

PDF (TIFF AVAILABLE)  
English

### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[3D PDF](#)

PDF  
English

### Catalog Pages/Data Sheets

[Positive Lock Receptacles](#)

PDF  
English

### Product Specifications

Product Specification

[3-POS. POSITIVE LOCK TRIAC CONNECTOR](#)

PDF  
English

[3-POS. POSITIVE LOCK TRIAC CONNECTOR](#)

TIF  
English

[3-POS. POSITIVE LOCK TRIAC CONNECTOR](#)

TIF  
Japanese

[3-POS. POSITIVE LOCK TRIAC CONNECTOR](#)

PDF  
Japanese

Japanese

### 187 SERIES POSITIVE LOCK MARK-II CONNECTOR

PDF  
Japanese

### 187 SERIES POSITIVE LOCK MARK-II CONNECTOR

TIF  
Japanese

Application Specification

### 187 Series Positive Lock Contacts, Crimping Of

PDF  
Japanese

Qualification Test Report

### 187 Series Positive Lock (Mark II) Conn.

PDF  
Japanese

### 187 Series Positive Lock (Mark II) Conn.

TIF  
Japanese

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## Product Environmental Compliance

TE Material Declaration

### MD\_170324-2\_03012012341

PDF  
English

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## Instruction Sheets

Instruction Sheet (non U.S.)

### AMP\* POSITIVE LOCK CONNECTOR

PDF  
English

### AMP\* POSITIVE LOCK CONNECTOR

TIF  
English

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

Style

**A**

Product Type

**Contact**

With Insulation Support

**Yes**

Applies To

**Wire/Cable**

Receptacle Style

**Straight**

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Electrical Characteristics

Insulation Resistance (MΩ)

**1000**

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Body Features

Material

**Phosphor Bronze**

---

Contact Features

Contact Type

**Socket**

Contact Mating Area Plating Material

**Nickel**

Contact Base Material

**Phosphor Bronze**

Contact Plating Material

**Nickel**

---

Termination Features

Termination Method to Wire/Cable

**Crimp**

Crimp Area Plating Material

**Nickel**

|                       |                                    |  |
|-----------------------|------------------------------------|--|
| Mechanical Attachment | Mating Area Interface Dimensions   | <b>.187 x .02 in, 4.75 x .51 mm</b>        |
| Dimensions            | Wire/Cable Size (AWG)              | <b>24 – 20</b>                             |
|                       | Wire/Cable Size (mm <sup>2</sup> ) | <b>.2 – .6</b>                             |
|                       | Insulation Diameter                | <b>1.5 – 2.7 mm [ .059 – .106 in ]</b>     |
| Usage Conditions      | Operating Temperature Range (°C)   | <b>-40 – 105</b>                           |
| Packaging Features    | Packaging Method                   | <b>Strip</b>                               |
|                       | Packaging Quantity                 | <b>8000</b>                                |
| Other                 | Comment                            | <b>Air-feed Applicator should be used.</b> |

Product Compliance [Statement of Compliance PDF](#)  
[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

1P POS-LOCK BUGH4, 8  
928083-1

[Save to List](#)  
[Find Similar Products](#)

BLANK CABLE MARKERS

CM-SCE-1/2-6H-4  
CM-SCE-1/2-6H-4

[Save to List](#)  
[Find Similar Products](#)

CRIMP RINGS & SPADES

TERMINAL RT PIDG PEEK STRATO 14-12 AWG  
1577640-1

[Save to List](#)  
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CRIMP RINGS & SPADES

TERMINAL, PIDG PTFE R 12-10 1/4  
50846

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Relation Type ▼

RELATIONSHIP

### Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)



Connectors - W-T-B Headers & Receptacles  
Positive Lock | Positive Lock Connection System  
**187 POSITIVE MK-2 REC  
HSG 3P - 1-172075-6**  
TE INTERNAL NUMBER: 1-172075-6

✓ Active

Always EU RoHS/ELV Compliant

Centerline **6 mm**

Number of Positions **3**

Color **Blue**

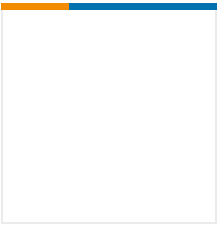


RELATIONSHIP

**Housings**

Identifies Housings compatible with a given Contact

[See All Housings](#)



PRODUCT - HOUSINGS

Connectors - W-T-B Headers & Receptacles  
Positive Lock | Positive Lock Connection System  
**POSITIVE LOCK REC  
HSG 2P - 172210-5**  
TE INTERNAL NUMBER: 172210-5

✓ Active

Always EU RoHS/ELV Compliant

Centerline **6 mm**

Number of Positions **2**

Color **Green**



RELATIONSHIP

**Housings**

Identifies Housings compatible with a given Contact

[See All Housings](#)



Connectors - W-T-B Headers & Receptacles  
Positive Lock | Positive Lock Connection System  
**187 POSITIVE MK-2 REC  
1P YELL. - 173974-4**  
TE INTERNAL NUMBER: 173974-4

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **1**

Color **Yellow**

