



QUICK DISCONNECTS



TE CONNECTIVITY (TE) 187 POSITIVE LOCK REC

Positive Lock | Positive Lock Connection System

170325-1
TE Internal Number: 170325-1

Always EU RoHS/ELV Compliant

Terminal Style **Straight**

Mating Tab Width **4.75 mm [.187 in]**

Mating Tab Thickness **.3 mm [.011 in]**

Wire Insulation Diameter (Max) **3.4 mm [.133 in]**

Wire Insulation Diameter **1.9 – 3.4 mm [.074 – .133 in]**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[187 SERIES POSITIVE LOCK MARK II REC.](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[Positive Lock Receptacles](#)

PDF
English

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

PDF
English

Product Specifications

Product Specification

[187 SERIES POSITIVE LOCK MARK-II CONNECTOR](#)

PDF
Japanese

[187 SERIES POSITIVE LOCK MARK-II CONNECTOR](#)

TIF
Japanese

[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

PDF
English

JAPANESE

TIF
English

187 Series Positive Lock (Mark-II) Wire To Wire Type (W/ Housing Lock)

PDF
English

187 Series Positive Lock (Mark-II) Wire To Wire Type (W/ Housing Lock)

TIF
Japanese

187 Series Positive Lock (Mark-II) Wire To Wire Type (W/ Housing Lock)

PDF
Japanese

187 Series Positive Lock (Mark-II) Wire To Wire Type (W/ Housing Lock)

TIF
English

187 Series Positive Lock Contacts, Crimping Of

PDF
Japanese

187 Series Positive Lock (Mark II) Conn.

PDF
Japanese

187 Series Positive Lock (Mark II) Conn.

TIF
Japanese

Application Specification

Qualification Test Report

Product Environmental Compliance

TE Material Declaration

MD_170325-1_01132016930_dmtec

PDF
English

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.

Product Type Features

Wire Stop

No

Disconnect Type

Quick Disconnect

FASTON

No

Wire/Cable Composition

Stranded

Wire/Cable Type

Discrete Wire

Insulated

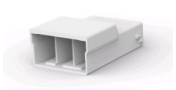


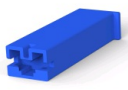
No

Insulated Wire Support

Yes

	Support Style	Insulation Support
	Applies To	Wire/Cable
Configuration Features	Paired	No
	Stud Hole	No
	Terminal Angle	Straight
Body Features	Plating Material	Pre-Tin
	Fully Insulated	No
Contact Features	Terminal Style	Straight
	Terminal Orientation	Straight
	Contact Plating Material	Pre-Tin
Termination Features	Crimp Type	F-Crimp
Dimensions	Mating Tab Width	4.75 mm [.187 in]
	Mating Tab Thickness	.3 mm [.011 in]
	Wire Insulation Diameter (Max)	3.4 mm [.133 in]
	Wire Insulation Diameter	1.9 – 3.4 mm [.074 – .133 in]
	Wire Size (AWG)	20 – 16
	Wire Size (mm ²)	.5 – 1.4
	Material Thickness	.3 mm [.011 in]
	Overall Length	21.6 mm [.85 in]
Usage Conditions	Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
Packaging Features	Packaging Method	Reel
	Packaging Quantity	6000
Other	Comment	Air-feed Applicator should be used.
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>GRACE INERTIA CONNECTOR 6.2MM PITCH 3P C 1746978-1</p> <p>Save to List Find Similar Products</p>	<p>WIRE-TO-BOARD CONNECTOR CONTACTS</p>  <p>250 SERIES POSITIVE LOCK EX-II 179974-6</p> <p>Save to List Find Similar Products</p>	<p>CRIMP QUICK DISCONNECTS</p>  <p>187 FLAG POSITIVE REC EX 175019-1</p> <p>Save to List Find Similar Products</p>	<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p>  <p>187 POSITIVE MK-2 REC 1P BLUE 173974-6</p> <p>Save to List Find Similar Products</p>
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Products - 67 Results

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[Compare 0/10](#)

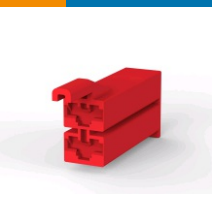
Relation Type ▼

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

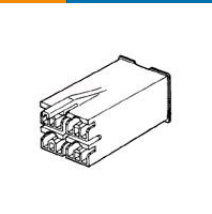
	<p>PRODUCT - HOUSINGS</p> <p>Connectors - W-T-B Headers & Receptacles Positive Lock I Positive Lock Connection System</p> <p>187 POSITIVE MK2 2P HSG V-0 RE - 1-174587-7 TE INTERNAL NUMBER: 1-174587-7</p> <p>✓ Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Centerline 6 mm</p> <p>Number of Positions 2</p> <p>Color Red</p>
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RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

	<p>PRODUCT - HOUSINGS</p> <p>Connectors - W-T-B Headers & Receptacles Positive Lock I Positive Lock Connection System</p> <p>187 POSITIVE MK2 4P RED - 173150-7 TE INTERNAL NUMBER: 173150-7</p> <p>✓ Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Centerline 9 mm</p> <p>Number of Positions 4</p> <p>Color Red</p>
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RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS

PRODUCT - HOUSINGS



Connectors - W-T-B Headers & Receptacles
Positive Lock | Positive Lock Connection System
187 POSITIVE REC HSG
4P - 174513-1
TE INTERNAL NUMBER: 174513-1

✓ Active

Always EU RoHS/ELV Compliant

Centerline **5.6 mm**

Number of Positions **4**

Color **Natural**

