



WIRE-TO-BOARD CONNECTOR CONTACTS



TE CONNECTIVITY (TE)

.187 POS.LOCK REC.

Positive Lock | Positive Lock Connection System

170326-1

TE Internal Number: 170326-1

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Wire/Cable Size (AWG) **18 - 14**

Wire/Cable Size (mm²) **.8 - 2**

Contact Mating Area Plating Material **Pre-Tin**

Packaging Method **Strip**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

187 SERIES POSITIVE LOCK (MARK-II) RECEPTACLE

PDF (TIFF AVAILABLE)
English

187 SERIES POSITIVE LOCK (MARK-II) RECEPTACLE

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

1654742_HOUSEHOLD_APPLIANCES_RAST5

PDF
English

Product Specifications

Product Specification

187 SERIES POSITIVE LOCK MARK-II CONNECTOR

PDF
Japanese

Application Specification

187 SERIES POSITIVE LOCK MARK-II CONNECTOR

TIF
Japanese

187 Series Positive Lock Contacts, Crimping Of

PDF
Japanese

Qualification Test Report

187 Series Positive Lock (Mark II) Conn.

[187 Series Positive Lock \(Mark II\) Conn.](#)
PDF
Japanese

[187 Series Positive Lock \(Mark II\) Conn.](#)
TIF
Japanese

Product Environmental Compliance

TE Material Declaration [MD_170326-1_09212015134_dmtec](#)
PDF
English

Instruction Sheets

Instruction Sheet (non U.S.) [AMP* POSITIVE LOCK CONNECTOR](#)
PDF
English

[AMP* POSITIVE LOCK CONNECTOR](#)
TIF
English



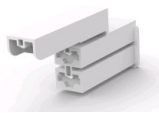

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Product Type	Contact
	Applies To	Wire/Cable
	Receptacle Style	Straight
Electrical Characteristics	Dielectric Withstanding Voltage (VAC)	2000
	Operating Voltage (VAC)	250
	Insulation Resistance (MΩ)	1000
Body Features	Material	Brass
Contact Features	Contact Type	Socket
	Contact Mating Area Plating Material	Pre-Tin
	Contact Mating Area Plating Thickness (µm)	.3
	Contact Plating Material	Pre-Tin
Mechanical Attachment	Mating Area Interface Dimensions	.187 x .02 in, 4.75 x .51 mm
Dimensions	Wire/Cable Size (AWG)	18 – 14
	Wire/Cable Size (mm ²)	.8 – 2
	Insulation Diameter (mm)	2.1 – 3.6, 5.5
	Insulation Diameter (in)	.216

Usage Conditions	Operating Temperature Range (°C)	-40 – 105
Packaging Features	Packaging Method	Strip
	Packaging Quantity	5000
Other	Comment	Air-feed Applicator should be used., External Diameter of a wire 1.6-3.1mm.

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


CUSTOMERS ALSO BOUGHT

CRIMP TERMINAL HOUSINGS	SURFACE MOUNT RESISTORS	WIRE-TO-BOARD HEADERS & RECEPTACLES	WIRE-TO-BOARD HEADERS & RECEPTACLES
			
187 POSITIVE 1P HSG 94V-0 173974-1	3521 430K 1% 2W 3521430KFT	187 SER POSLOCK HSG. 3POS. 172075-1	187 SER POSLOCK HSG. 1POS. 172074-1
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Products - 65 Results

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Compare 0/10 

Relation Type 

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



Connectors - W-T-B Headers & Receptacles
 Positive Lock I Positive Lock Connection System
187 POSITIVE LOCK MK-2 REC 2P - 1-172210-7
 TE INTERNAL NUMBER: 1-172210-7

 Active

Always EU RoHS/ELV Compliant

Centerline **6 mm**

Number of Positions **2**

Color **Red**



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

187 SERIES POSITIVE LOCK 3P - 172075-4

TE INTERNAL NUMBER: 172075-4

✓ Active

Always EU RoHS/ELV Compliant

Centerline **6 mm**

Number of Positions **3**

Color **Yellow**

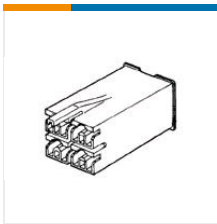


RELATIONSHIP

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

187 POSITIVE MK2 4P RED - 173150-7

TE INTERNAL NUMBER: 173150-7

✓ Active

Always EU RoHS/ELV Compliant

Centerline **9 mm**

Number of Positions **4**

Color **Red**

