

WIRE-TO-BOARD CONNECTOR CONTACTS



















PRODUCT DRAWING



3D PDF

TE Internal Number: 175164-1 Always EU RoHS/ELV Compliant

.250 POSITIVE EX REC Positive Lock | Positive Lock Connection System

Contact Type Socket

TE CONNECTIVITY (TE)

175164-1

Wire/Cable Size (AWG) 18 - 14

Wire/Cable Size (mm²) .8 - 2

Contact Current Rating (A) 7

Packaging Method **Strip**

Product Drawings

Japan

PDF (TIFF AVAILABLE) English

Japan

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

Application Specification

.250 Series Positive Lock EX Contact (Heat Resistive Type)

Japanese

.250 Series Positive Lock EX Contact (Heat Resistive Type)

Japanese

CRIMPING 250 SERIES, POSITIVE LOCK, EX CONTACT (HEAT RESISTI)

Japanese

CRIMPING 250 SERIES, POSITIVE LOCK, EX CONTACT (HEAT RESISTI)

Japanese

Product Environmental Compliance

TE Material Declaration

MD_175164-1_04032015237_dmtec

PDF **English**

Instruction Sheets

Instruction Sheet (non U.S.)

POSITIVE LOCK EX CONTACT

PDF **English**

POSITIVE LOCK EX CONTACT

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.

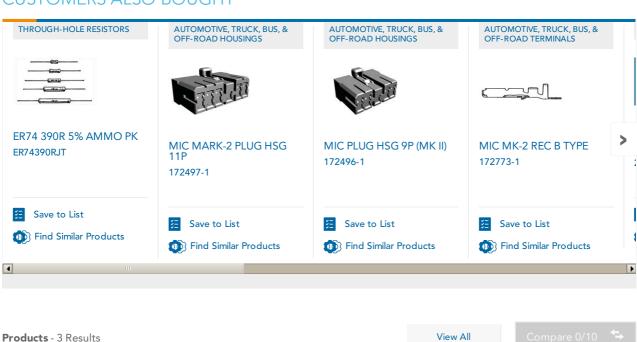
| Product Type Features | Product Type Applies To Receptacle Style | Contact Wire/Cable Straight |
|-----------------------|--|---|
| Body Features | Material | Stainless Steel |
| Contact Features | Contact Type | Socket |
| | Contact Current Rating (A) | 7 |
| | Contact Base Material | Stainless Steel |
| | Contact Plating Material | None |
| Mechanical Attachment | Mating Area Interface Dimensions | .25 x .032 in, 6.35 x .81 mm |
| Dimensions | Wire/Cable Size (AWG) | 18 – 14 |
| | Wire/Cable Size (mm²) | .8 – 2 |
| | Insulation Diameter | 2.2 – 3.4 mm [.086 – .134 in] |
| | Stock Thickness | .016 in, .41 mm |
| Usage Conditions | Operating Temperature Range (°C) | -40 – 300 |
| Packaging Features | Packaging Method | Strip |
| | Packaging Quantity | 4500 |
| Other | Comment | Operating Temperature Range: -40 - +300°- |

Operating Temperature Range: -40 - +300°-C (ambient temperature + temperature rise by current carrying) Sleeve housing not used.

Statement of Compliance

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT





RELATIONSHIP

Toolings

See All Toolings Tooling PRODUCT - TOOLINGS



Application Tooling - OCEAN Applicators OC-PA-E-FA-110F180F-001-0061 - 2-2150057-2 TE INTERNAL NUMBER: 2-2150057-2

Not in Scope for EU RoHS/ELV Compliance

Region Worldwide

Tool Type **Applicator**

Spare Parts Tooling No

Applicator Style OCEAN - Pacific

Applicator Feed Style End Feed

OC-110F180F-

PRODUCT - TOOLINGS

Not in Scope for EU RoHS/ELV Compliance

See All Toolings



Toolings Tooling





CRIMPTOOLINGKIT - 7-2150057-7 TE INTERNAL NUMBER: 7-2150057-7

✓ Active

Region Worldwide

Tool Type **Applicator**

Spare Parts Tooling **Yes**

Spare Parts Tool Type **Spare**

Parts Kit

RELATIONSHIP

Toolings Tooling

See All Toolings



PRODUCT - TOOLINGS

Application Tooling - OCEAN Applicators

OC-AT-E-FA-110F180F-001-0061 - 2150057-2 TE INTERNAL NUMBER: 2150057-2

✓ Active

Not in Scope for EU RoHS/ELV Compliance

Region Worldwide

Tool Type **Applicator**

Spare Parts Tooling **No**

Applicator Style **OCEAN** -

Atlantic

Applicator Feed Style **End Feed**

