



WIRE-TO-BOARD CONNECTOR CONTACTS



TE CONNECTIVITY (TE)

.250 POSITIVE EX REC

Positive Lock | Positive Lock Connection System

175164-1

TE Internal Number: 175164-1

Always EU RoHS/ELV Compliant

Contact Type **Socket**

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

Wire/Cable Size (mm²) **.8 - 2**

Contact Current Rating (A) **7**

Packaging Method **Strip**

Active

PRODUCT DRAWING
English

3D PDF

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

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

Application Specification

.250 Series Positive Lock EX Contact (Heat Resistive Type)
PDF
Japanese
CRIMPING 250 SERIES, POSITIVE LOCK,EX CONTACT (HEAT RESISTI)
TIF
Japanese

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

Contact

Applies To

Wire/Cable

Receptacle Style

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°-C (ambient temperature + temperature rise by current carrying) Sleeve housing not used.

CUSTOMERS ALSO BOUGHT

THROUGH-HOLE RESISTORS	AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS	AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS	AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD TERMINALS
			
ER74 390R 5% AMMO PK ER74390RJT	MIC MARK-2 PLUG HSG 11P 172497-1	MIC PLUG HSG 9P (MK II) 172496-1	MIC MK-2 REC B TYPE 172773-1
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Products - 3 Results

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Relation Type

RELATIONSHIP

Toolings

Tooling

[See All Toolings](#)

PRODUCT - TOOLINGS



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

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**



RELATIONSHIP

Toolings

Tooling

[See All Toolings](#)

PRODUCT - TOOLINGS



Application Tooling - OCEAN Applicators
AMP
OC-110F180F-

Not in Scope for EU RoHS/ELV
Compliance





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
AMP

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**

