



QUICK DISCONNECTS



TE CONNECTIVITY (TE)

250 POSITIVE REC EX MK-2

Positive Lock | Positive Lock Connection System

175022-1

TE Internal Number: 175022-1

Always EU RoHS/ELV Compliant

Terminal Style **Straight**

Mating Tab Width **6.35 mm [.25 in]**

Mating Tab Thickness **.81 mm [.032 in]**

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

Wire Insulation Diameter **2.2 – 3.4 mm [.086 – .133 in]**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[250 SERIES POSITIVE LOCK-EX 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

Product Specifications

Product Specification

[250 SERIES POSITIVE LOCK EX CONTACT](#)

PDF
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Application Specification

[CRIMPING FOR 250 SERIES POSITIVE LOCK EX CONTACT](#)

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Product Environmental Compliance

TE Material Declaration

[MD_175022-1_10072014235_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	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
Electrical Characteristics	Voltage (Max) (V)	250
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	6.35 mm [.25 in]
	Mating Tab Thickness	.81 mm [.032 in]
	Wire Insulation Diameter (Max)	3.4 mm [.133 in]
	Wire Insulation Diameter	2.2 – 3.4 mm [.086 – .133 in]
	Wire Size (AWG)	18 – 14
	Wire Size (mm ²)	.8 – 2
	Material Thickness	.41 mm [.016 in]

Overall Length

21.2 mm [.834 in]

Usage Conditions

Operating Temperature Range

-40 – 105 °C [-40 – 221 °F]

Packaging Features

Packaging Method

Reel

Packaging Quantity





4500

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

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Relation Type ▼

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**



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

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



Terminals & Splices - Crimp Terminal Housings
Positive Lock | Positive Lock Connection System

**SLEEVE 270250
- 174817-1**

TE INTERNAL NUMBER: 174817-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Accessory**

Wire Insulation Diameter (Max) **.89
mm²**

Wire Insulation Diameter **.035**

Material **Soft PVC**

Color **Blue**

