

Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

MINI MIC RCPT CONTACT

AMP Superseal 1.5mm Series

282110-1

TE Internal Number: 282110-1

Always EU RoHS/ELV Compliant

Terminal Style **Receptacle/Socket**

Mating Tab Width **1.5 mm [.059 in]**

Mating Tab Thickness **.8 mm [.031 in]**

Terminal Transmits **0 – 24 A (Low Power)**

Sealed **Yes**

Product Drawings

MINI MIC SRS. RECEPTACLE CONTACT

PDF
English

CAD Files

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
English

Product Specifications

Product Specification

ET**AMP Superseal 1,5 SRS Connectors

PDF
English

Application Specification

APPLICATION SPEC. FOR MINI MIC CONTACTS WITH SINGLE WIRE SEALS

PDF
English

Allgemeine Crimpspezifikation / GENERAL CRIMP SPEC.

PDF
German

Empfehlung Min. Leitungslaenge Bei Ultraschall-Schweissknoten /

RECOMMENDATION MIN. WIRE LENGTH FOR ULTRASONIC WELD SPLICES

PDF
German

Qualification Test Report

AMP Superseal 1.5 Series

TIF
English

AMP Superseal 1.5 Series

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_282110-1_10072015735_dmtec](#)

PDF
English

Instruction Sheets

Instruction Sheet (non U.S.)

[Hand Application Tool P/N 785353-1](#)

TIF
English

[Hand Application Tool P/N 785353-1](#)

PDF
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

Sealed **Yes**

Primary Locking Feature **Locking Lance**

Wire Type **Copper**

Receptacle Style **180°**

Body Features

Seal Type **Single Wire Seal (SWS)**

Contact Features

Terminal Style **Receptacle/Socket**

Mating Tab Width **1.5 mm [.059 in]**

Mating Tab Thickness **.8 mm [.031 in]**

Interface Plating **Tin (Sn)**

Typical Current Rating (A) **14**

Contact Termination Area Plating Material **Tin (Sn)**

Termination Features

Termination Method **Crimp**

Crimp Type **F-Crimp**

Dimensions

Wire Size Search (mm²) **.75, .85, 1, 1.25, 1.3, 1.4, 1.5**

Wire Size Search (AWG) **15, 16, 17, 18**

Wire Size (mm²) **.75 – 1.5**

Wire Insulation Diameter **1.7 – 3.3 mm [.067 – .13 in]**

Usage Conditions

Operating Temperature (Max) (°C) **80, 85, 90, 100, 105, 110, 120, 125**

Operating Temperature (Max) (°F) **176, 185, 194, 212, 221, 230, 248, 257**

Operating Temperature Range **-40 – 125 °C [-40 – 257 °F]**

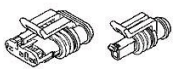
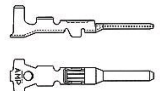
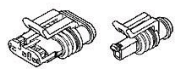

Industry Standards	Agency/Standard	LV 214
Packaging Features	Packaging Method	Reel
	Packaging Quantity	4000
Other	Terminal Transmits	0 - 24 A (Low Power)

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

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PRODUCT - TOOLINGS

Application Tooling - OCEAN Applicators
AMP

OC-PA-S-FA-090F145O-001-0219 - 2-2151205-2

TE INTERNAL NUMBER: 2-2151205-2

✓ 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 **Side Feed**

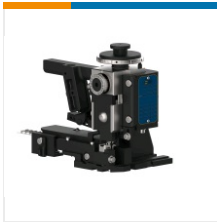
RELATIONSHIP

Toolings

Tooling

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PRODUCT - TOOLINGS



Application Tooling - OCEAN Applicators
AMP

**OC-AT-S-FM-090F145O-
001-0219 - 2151205-1**

TE INTERNAL NUMBER: 2151205-1

✓ 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 **Side Feed**

RELATIONSHIP

Toolings

Tooling

[See All Toolings](#)

PRODUCT - TOOLINGS



Application Tooling - OCEAN Applicators
AMP

**OC-AT-S-FA-090F145O-
752-0219 - 2266053-2**

TE INTERNAL NUMBER: 2266053-2

✓ 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 **Side Feed**