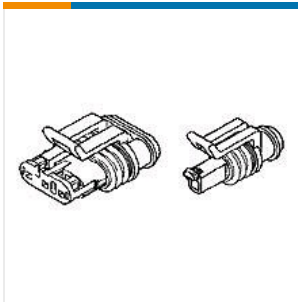




CONNECTOR HOUSINGS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

AMP SUPERSEAL 1.5 SERIES 2P PL

AMP | AMP Superseal 1.5mm Series

282080-1

TE Internal Number: 282080-1

Alias ID: 2-42939-6211, AMP-0-0282080-1, CM8390-000

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Tab Width **1.5 mm [.06 in]**

Number of Positions **2**

Pitch **6 mm [.236 in]**

Sealed **Yes**

Product Drawings

[AMP SUPERSEAL 1.5 SRS. 2 POSITIONS PLUG ASS'Y](#)

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

[ET**AMP Superseal 1,5 SRS Connectors](#)

PDF
English

Qualification Test Report

[AMP Superseal 1.5 Series](#)

TIF
English

[AMP Superseal 1.5 Series](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_282080-1_07152015856_dmtec](#)

PDF
English

Instruction Sheets

Customer Manual (non U.S.)

[AMP SUPERSEAL 1.5 SERIES](#)

TIF
English

AMP SUPERSEAL 1.5 SERIES

PDF

English

J1939 CAN Network System

PDF

English

Instruction Sheet (U.S.)

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	Connector Style	Housing for female terminals
	Sealed	Yes
	Hybrid Connector	No
	Primary Locking Feature	On the terminal
	Connector System	Wire-to-Board/Device, Wire-to-Wire
	Strain Relief	No

Configuration Features	Number of Positions	2
	Number of Rows	1

Electrical Characteristics	Nominal Voltage Architecture (V)	12, 24
	Operating Voltage (VDC)	24

Body Features	Connector Code	Z
	Cable Exit Angle	180°
	Body Material	PA GF
	Color	Black

Contact Features	Mating Tab Width	1.5 mm [.06 in]
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Mechanical Attachment	Terminal Position Assurance	Yes
	Mounting Feature	No
	Polarized	Yes

Housing Features	Pitch	6 mm [.236 in]
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Dimensions	Width	9.3 mm [.366 in]
	Height	32.2 mm [1.268 in]
	Length	17.1 mm [.673 in]

Usage Conditions	Operating Temperature (Max) (°C)	70, 75, 80, 85, 90, 100, 105, 110, 120, 125
	Operating Temperature (Max) (°F)	158, 167, 176, 185, 194, 212, 221, 230, 248, 257
	Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]


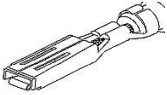
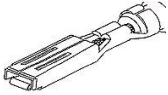
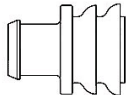
Industry Standards	Degree of Protection	IP67, Other
	UL Flammability Rating	None

Packaging Features	Packaging Method	Bag
	Packaging Quantity	800

Other	Connector Position Assurance Capable	No
	Serviceable	Yes

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

CUSTOMERS ALSO BOUGHT

<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS</p>  <p>AMP SUPERSEAL 1.5 SERIES 2P CA 282104-1</p> <p>Save to List Find Similar Products</p>	<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD TERMINALS</p>  <p>MINI MIC RCPT CONTACT 282110-1</p> <p>Save to List Find Similar Products</p>	<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD TERMINALS</p>  <p>MINI MIC RECPT C 183025-1</p> <p>Save to List Find Similar Products</p>	<p>AUTOMOTIVE SEALS & CAVITY PLUGS</p>  <p>SINGLE WIRE SEAL 281934-2</p> <p>Save to List Find Similar Products</p>
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Products - 8 Results

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Relation Type ▼

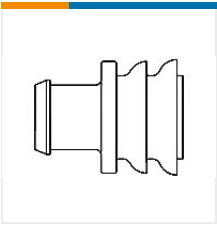
RELATIONSHIP

Seals

Used to identify Sealing Components

[See All Seals](#)

PRODUCT - SEALS



Connectors - Seals & Cavity Plugs
AMP | AMP Superseal 1.5mm Series
SINGLE WIRE SEAL
- 281934-3
TE INTERNAL NUMBER: 281934-3

✓ Active

Always EU RoHS/ELV Compliant

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

Cavity Diameter **5.5 mm**

Cable Insulation Diameter **2.5 – 3.3 mm**

Material **Silicone**

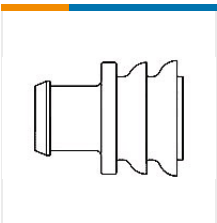
Resistance to Hydrocarbons
POOR



RELATIONSHIP
Cavity Plugs
Cavity Plugs

[See All Cavity Plugs](#)

PRODUCT - CAVITY PLUGS



Connectors - Seals & Cavity Plugs
AMP | AMP Superseal 1.5mm Series
RUBBER PLUG - 282081-1
TE INTERNAL NUMBER: 282081-1

✓ Active

Always EU RoHS/ELV Compliant

Seal Type **Cavity Blanking Plug**

Cavity Diameter **5.5 mm**

Material **Silicone**

Resistance to Hydrocarbons
POOR

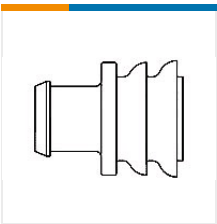
Shore A Hardness **50**



RELATIONSHIP
Seals
Used to identify Sealing Components

[See All Seals](#)

PRODUCT - SEALS



Connectors - Seals & Cavity Plugs
AMP | AMP Superseal 1.5mm Series
SINGLE WIRE SEAL
- 281934-4
TE INTERNAL NUMBER: 281934-4
ALIAS ID: AMP-0-0281934-4, CM8392-000

✓ Active

Always EU RoHS/ELV Compliant

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

Cavity Diameter **5.5 mm**

Cable Insulation Diameter **1.6 mm**

Material **Silicone**

Resistance to Hydrocarbons
POOR

