



## CONNECTOR HOUSINGS



✓ Active

↓ **PRODUCT DRAWING**  
English

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TE CONNECTIVITY (TE)

### MCP2.8 GEH 18P

AMP | AMP MCP 2.8 , AMP MCP Connector System

8-968974-1

TE Internal Number: 8-968974-1

Always EU RoHS/ELV Compliant

Connector Style **Housing for female terminals**

Mating Tab Width **2.8 mm [ .11 in ]**

Number of Positions **18**

Pitch **5 mm [ .197 in ]**

Sealed **No**

#### Product Drawings

[AMP MCP2.8 HOUSING, 18POS. WITH SECONDARY LOCKING DEVICE AMP MCP2.8 Gehause, 18pol. Mit 2. Kontaktsicherung](#)

PDF  
English

[PRODUCT GROUP DRAWING FOR: AMP MCP 2.8 HSG.](#)

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

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

**No**

Hybrid Connector

**No**

Primary Locking Feature

**On the terminal**

Connector System

**Wire-to-Wire**

Row-to-Row Spacing

**5.5 mm [ .217 in ]**

	row-to-row spacing	<b>5.5 mm [ .217 in ]</b>
	Strain Relief	<b>No</b>
Configuration Features	Number of Positions	<b>18</b>
	Number of Rows	<b>3</b>
Electrical Characteristics	Nominal Voltage Architecture (V)	<b>12, 24</b>
	Operating Voltage (VDC)	<b>28</b>
Body Features	Body Material	<b>PA GF</b>
	Cable Exit Angle	<b>180°</b>
	Color	<b>Gray</b>
Contact Features	Mating Tab Width	<b>2.8 mm [ .11 in ]</b>
Mechanical Attachment	Terminal Position Assurance	<b>Yes</b>
	Mounting Feature	<b>No</b>
	Polarized	<b>Yes</b>
Housing Features	Pitch	<b>5 mm [ .197 in ]</b>
Dimensions	Width	<b>36 mm [ 1.417 in ]</b>
	Height	<b>24 mm [ .945 in ]</b>
	Length	<b>36 mm [ 1.417 in ]</b>
Usage Conditions	Operating Temperature (Max) (°C)	<b>70, 75, 80, 85, 90, 100, 105, 110, 120</b>
	Operating Temperature (Max) (°F)	<b>158, 167, 176, 185, 194, 212, 221, 230, 248</b>
	Operating Temperature Range	<b>-40 – 120 °C [ -40 – 248 °F ]</b>
Packaging Features	Packaging Method	<b>Box</b>
	Packaging Quantity	<b>1000</b>
Other	Connector Position Assurance Capable	<b>No</b>
	Serviceable	<b>No</b>

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

<p>AUTOMOTIVE, TRUCK, BUS, &amp; OFF-ROAD HOUSINGS</p>  <p><b>MCP 2.8 GEH 12P</b> 8-968972-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>AUTOMOTIVE, TRUCK, BUS, &amp; OFF-ROAD HOUSINGS</p>  <p><b>MCP2, 8 GEH ASSY 21P</b> 7-968975-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>AUTOMOTIVE, TRUCK, BUS, &amp; OFF-ROAD HOUSINGS</p>  <p><b>MCP2.8 GEH 9P</b> 8-968971-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>CRIMP QUICK DISCONNECTS</p>  <p><b>.250 FASTIN-ON REC.</b> 735222-2</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>
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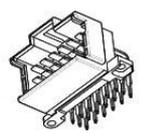
Relation Type

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Automotive, Truck, Bus, &amp; Off-Road Headers AMP I Timer Connector System</p> <p><b>MESSERLEISTE 18P</b> <b>- 3-966140-1</b> TE INTERNAL NUMBER: 3-966140-1</p> <p><a href="#">Active</a></p> <p>Always EU RoHS/ELV Compliant</p> <p>Tab Width <b>2.8 mm</b></p> <p>Tab Thickness <b>.8 mm</b></p> <p>Pitch <b>3.5 mm</b></p> <p>Number of Circuits <b>18</b></p> <p>Sealed <b>No</b></p>
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RELATIONSHIP

### Terminals

Used to identify terminal relationships to other potential product

[See All Terminals](#)

	<p>PRODUCT - TERMINALS</p> <p>Connectors - Automotive, Truck, Bus, &amp; Off-Road Terminals AMP I AMP MCP 2.8, AMP MCP Connector System</p> <p><b>AMP MCP 2.8,</b> <b>CONTACT - 1-968880-1</b> TE INTERNAL NUMBER: 1-968880-1 ALIAS ID: 1-0968880-1</p> <p><a href="#">Active</a></p> <p>Always EU RoHS/ELV Compliant</p> <p>Terminal Style <b>Receptacle/Socket</b></p> <p>Mating Tab Width <b>2.8 mm</b></p> <p>Mating Tab Thickness <b>.8 mm</b></p> <p>Terminal Transmits <b>0 – 24 A (Low Power)</b></p> <p>Sealed <b>No</b></p>
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RELATIONSHIP

## Terminals

Used to identify terminal relationships to other potential product

[See All Terminals](#)

PRODUCT - TERMINALS



Connectors - Automotive, Truck, Bus, & Off-Road Terminals

AMP | AMP MCP 2.8, AMP MCP Connector System

### AMP MCP 2.8, CONTACT - 1-968851-2

TE INTERNAL NUMBER: 1-968851-2

✓ Active

Always EU RoHS/ELV Compliant

Terminal Style **Receptacle/Socket**

Mating Tab Width **2.8 mm**

Mating Tab Thickness **.8 mm**

Terminal Transmits **25 – 40 A**

**(Power)**

Wire Size Search **1.5 mm<sup>2</sup>, 2 mm<sup>2</sup>,  
2.5 mm<sup>2</sup>**

