



**CONNECTORS**

**AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS**



✓ Active

TE CONNECTIVITY (TE)

## 12POS,AMP MCP1.5K,REC HSG,ASSY

AMP | AMP MCP Connector System , Heavy Duty Sealed Connector Systems (HDSCS)

1-1703639-1

TE Internal Number: 1-1703639-1

EU RoHS Compliant

EU ELV Compliant

**Connector Style** Housing for female terminals

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

**Connector System** Wire-to-Wire

**Number of Positions** 12

**Centerline (Pitch)** 4 mm [.157 in]

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### DOCUMENTATION

Product Drawings

**12POS. AMP MCP1.5k, REC HSG, ASSY 12pos. AMP MCP1.5k, Buchsengehaeuse**

PDF

English

**PRODUCT GROUP DRAWING, HDSCS Produktgruppenzeichnung HDSCS**

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

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Catalog Pages/Data Sheets

### Heavy Duty Sealed Connector Series (HDSCS)

PDF

English

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Product Specifications

Product Specification

### Heavy Duty Sealed Connector Series 2 To 18 Positions For AMP MCP Contact Systems

PDF

German

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## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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#### Product Type Features

**Connector Style** Housing for female terminals

**Connector System** Wire-to-Wire

**Sealable** Yes

**Hybrid Connector** No

**Primary Locking Feature** On the terminal

**Strain Relief** No

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#### Configuration Features

**Number of Positions** 12

**Number of Rows** 2

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#### Electrical Characteristics

**Nominal Voltage Architecture (V)** 12, 24, 42

**Operating Voltage (VDC)** 42

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#### Body Features

**Connector Code** A

**Color** Black

**Cable Exit Angle** 180°

**Body Material** PBT GF

## Contact Features

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

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## Mechanical Attachment

**Mounting Feature** No  
**Terminal Position Assurance** Yes  
**Polarized** Yes

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## Housing Features

**Centerline (Pitch)** 4 mm [ .157 in ]

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## Dimensions

**Width** 25.7 mm [ 1.012 in ]  
**Height** 31.25 mm [ 1.23 in ]  
**Length** 54.1 mm [ 2.13 in ]

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## Usage Conditions

**Operating Temperature Range** -40 – 140 °C [ -40 – 284 °F ]

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## Operation/Application

**Circuit Application** Signal

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## Industry Standards

**Degree of Protection** IP67  
**UL Flammability Rating** UL 94V-0

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## Packaging Features

**Packaging Method** Box  
**Packaging Quantity** 300

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## Other

**Connector Position Assurance Capable** No  
**Customer** GEN  
**Serviceable** Yes

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## PRODUCT COMPLIANCE



### Statement of Compliance

#### [Statement of Compliance](#)

PDF

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