



**+** TERMINALS & SPLICES

AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD TERMINALS



✓ Active

TE CONNECTIVITY (TE)

## MQS SOCKET CONTACT SWS

MQS

5-965906-1

TE Internal Number: 5-965906-1

EU RoHS Compliant

EU ELV Compliant

**Terminal Style** Receptacle

**Mating Tab Width** .63 mm [ .024 in ]

**Mating Tab Thickness** .63 mm [ .024 in ]

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

**Sealed** Yes

[↓](#) **PRODUCT DRAWING**  
English

[↓](#) **3D PDF**

### DOCUMENTATION

Product Drawings

#### **MQS Tabellenzeichnung Buchsenkontakt TABLE SOCKET CONTACT**

PDF

**English**

CAD Files

#### **Customer View Model**

2D\_DXF.ZIP

**English**

#### **3D PDF**

PDF

## 3D

### Customer View Model

3D\_IGS.ZIP

English

### Customer View Model

3D\_STP.ZIP

English

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Product Specifications

Product Specification

### MICRO QUADLOK SYSTEM

PDF

English

### MICRO QUADLOK SYSTEM

TIF

English

Application Specification

### Allgemeine Crimpspezifikation / GENERAL CRIMP SPEC.

PDF

German

### Application Specification For MQS Contact System With SINGLE WIRE SEAL

PDF

English

### Empfehlung Min. Leitungslaenge Bei Ultraschall-Schweissknoten / RECOMMENDATION MIN. WIRE LENGTH FOR ULTRASONIC WELD SPLICES

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

**Sealed** Yes

**Primary Locking Feature** Locking Lance

**Wire Type** Copper

**Receptacle Style** 180°

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Contact Features

**Terminal Style** Receptacle

**Mating Tab Width** .63 mm [ .024 in ]

**Mating Tab Thickness** .63 mm [ .024 in ]

**Interface Plating** Tin (Sn)

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

**Typical Current Rating (A)** 7.5

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## Termination Features

**Termination Method** Crimp

**Crimp Type** F-Crimp

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## Dimensions

**Wire Size Search (mm<sup>2</sup>)** .5, .6, .75

**Wire Size Search (AWG)** 19, 20

**Wire Insulation Diameter** 1.3 – 1.9 mm [ .051 – .074 in ]

**Wire Size** .5 – .75 mm<sup>2</sup> [ 20 AWG ]

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## Usage Conditions

**Operating Temperature (Max) (°C)** 80, 85, 90, 100, 105, 110, 120, 125, 130, 140

**Operating Temperature (Max) (°F)** 176, 185, 194, 212, 221, 230, 248, 257, 266, 284

**Operating Temperature Range** -40 – 120 °C [ -40 – 248 °F ]

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## Industry Standards

**Agency/Standard** LV214

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## Packaging Features

**Packaging Quantity** 9000

**Packaging Method** Reel

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## Other

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

## Statement of Compliance

**Statement of Compliance**

PDF

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