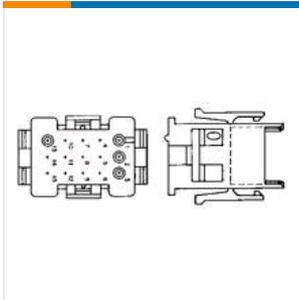




# RECTANGULAR POWER CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## 04P MR II CAP HSG V0 RED

AMP | CAP , Miniature Rectangular

1-640509-0

TE Internal Number: 1-640509-0

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

Connector System **Wire-to-Panel, Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **4**

### Product Drawings

[HOUSING, CAP](#)

PDF (TIFF AVAILABLE)  
English

[HOUSING, CAP](#)

PDF (TIFF AVAILABLE)  
English

### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[3D PDF](#)

PDF  
English

### Catalog Pages/Data Sheets

[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

PDF  
English

### Product Specifications

Product Specification

[Connector, Miniature Rectangular \(MR\)](#)

PDF  
English

Application Specification

[Miniature Rectangular Contacts And Housings](#)

PDF  
English

Qualification Test Report

[Connector, Miniature Rectangular \(MR\)](#)

PDF  
English

[Connector, Miniature Rectangular \(MR\)](#)

TIF  
English

## Product Environmental Compliance

TE Material Declaration

[MD\\_1-640509-0\\_06252013102\\_dmtec](#)

PDF  
English

## Instruction Sheets

Instruction Sheet (U.S.)

[AMP\\* MINIATURE RECTANGULAR II \(MRII\) CONNECTORS](#)

PDF  
English

[AMP\\* MINIATURE RECTANGULAR II \(MRII\) CONNECTORS](#)

TIF  
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

Product Type

**Housing**

Housing Type

**Receptacle**

Contact Type

**Pin**

### Configuration Features

Number of Positions

**4**

Centerline

**4.2 mm [ .165 in ]**

Number of Signal Positions

**4**

Number of Rows

**2**

Row-to-Row Spacing

**4.19 mm [ .165 in ]**

### Electrical Characteristics

Operating Voltage (VAC)

**250**

### Mechanical Attachment

Panel Mount Retention

**Without**

### Housing Features

UL Flammability Rating

**UL 94V-0**

Housing Color

**Brick Red**

### Dimensions

Length

**26.92 mm [ 1.06 in ]**

Height

**7.37 mm [ .29 in ]**

Accepts Wire Insulation Diameter Range

**2.92 mm [ .115 in ]**

Width

**12.95 mm [ .675 in ]**

### Usage Conditions

Sealed Condition

**Not Sealed**

### Operation/Application

Connector System

**Wire-to-Panel, Wire-to-Wire**

Applies To

**Wire/Cable**

Applies to

Wire/Cable

Operating Temperature

-55 – 105 °C [-67 – 221 °F]

Industry Standards

UL Rating

Recognized

CSA File Number

LR7189

Agency/Standard

CSA, UL

Agency/Standard Number

E28476

Packaging Features

Packaging Method

Box

Packaging Quantity

1500

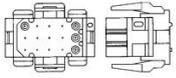
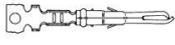
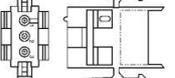
Product Compliance

[Statement of Compliance](#)

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

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Products - 1 Results

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Compare 0/10

Relation Type ▼

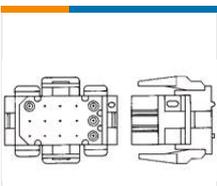
### RELATIONSHIP

#### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors  
AMP I HS, Miniature Rectangular

**04P MR II PLUG HSG V0 RED - 1-640519-0**

TE INTERNAL NUMBER: 1-640519-0

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Miniature**





✓ Active

Connector System **wire-to-Board, Wire-to-Panel, Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **4**