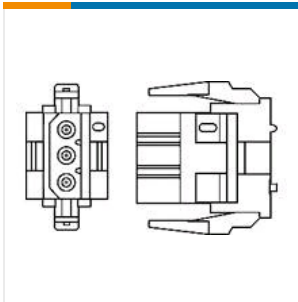




# RECTANGULAR POWER CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## 03P MR II PLUG HSG V0 RED

AMP | HS , Miniature Rectangular

1-640518-0

TE Internal Number: 1-640518-0

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

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

Applies To **Wire/Cable**

Number of Positions **3**

### Product Drawings

[HOUSING, PLUG MR II 3 POSITION](#)

PDF (TIFF AVAILABLE)  
English

[HOUSING, PLUG MR II 3 POSITION](#)

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

## 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.

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Product Type Features	Product Type	<b>Housing</b>
	Housing Type	<b>Plug</b>
	Contact Type	<b>Socket</b>

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Configuration Features	Number of Positions	<b>3</b>
	Centerline	<b>4.2 mm [ .165 in ]</b>
	Number of Signal Positions	<b>1</b>
	Number of Rows	<b>1</b>

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Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
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Mechanical Attachment	Panel Mount Retention	<b>Without</b>
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Housing Features	UL Flammability Rating	<b>UL 94V-0</b>
	Housing Color	<b>Brick Red</b>

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Dimensions	Length	<b>21.34 mm [ .84 in ]</b>
	Height	<b>12.95 mm [ .51 in ]</b>
	Accepts Wire Insulation Diameter Range	<b>2.92 mm [ .115 in ]</b>
	Width	<b>12.95 mm [ .51 in ]</b>

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Usage Conditions	Sealed Condition	<b>Not Sealed</b>
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Operation/Application	Connector System	<b>Wire-to-Board, Wire-to-Panel, Wire-to-Wire</b>
	Applies To	<b>Wire/Cable</b>
	Operating Temperature	<b>-55 – 105 °C [ -67 – 221 °F ]</b>

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Industry Standards	UL Rating	<b>Recognized</b>
	CSA File Number	<b>LR7189</b>

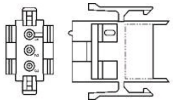
Agency/Standard **CSA, UL**

Agency/Standard Number **E28476**

Packaging Features  
Packaging Method **Box**  
Packaging Quantity **2000**

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

## CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	CRIMP RINGS & SPADES	POWER CONTACTS	RECTANGULAR POWER CONNECTORS
 <b>03P MR II CAP HSG V0 RED</b> 1-640508-0	<b>PG R 22-16 COMM 22-18 MIL 6</b> 2-32945-1	<b>MR SPLIT PIN 26-18 AUPHBRZ LP</b> 640545-2	<b>12P MTA156 CONN ASSY 22AWG RED</b> 4-640428-2
<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>

Products - 5 Results

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Relation Type ▼

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

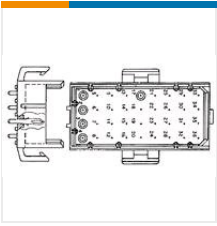
PRODUCT - MATING PRODUCTS	
	<p>Connectors - Rectangular Power Connectors AMPI CAP, Miniature Rectangular</p> <p><b>03P MR II CAP HSG V0 RED - 1-640508-0</b> TE INTERNAL NUMBER: 1-640508-0</p> <p>✓ Active</p> <p>Always EU RoHS/ELV Compliant</p> <p>Product Type <b>Housing</b></p> <p>Housing Type <b>Receptacle</b></p> <p>Connector System <b>Wire-to-Panel, Wire-to-Wire</b></p> <p>Applies To <b>Wire/Cable</b></p> <p>Number of Positions <b>3</b></p>

RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Rectangular Power Connectors  
AMP I HD.25, Miniature Rectangular

Always EU RoHS/ELV Compliant



**03P MR HDR ASSY VO**  
**RED LF - 2-640498-4**

TE INTERNAL NUMBER: 2-640498-4

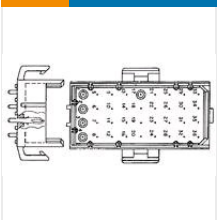
✓ Active

RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Rectangular Power Connectors  
AMP I HD.25, Miniature Rectangular

Always EU RoHS/ELV Compliant



**03P MR HDR ASSY VO**  
**RED - 640498-1**

TE INTERNAL NUMBER: 640498-1

✓ Active