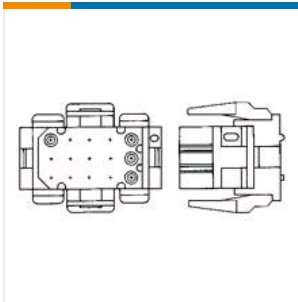




RECTANGULAR POWER CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

12P MR II PLUG HSG V0 RED

AMP | 12P , Miniature Rectangular

1-640522-0

TE Internal Number: 1-640522-0

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 **12**

Product Drawings

HOUSING, PLUG MR II 12 POSITION

PDF (TIFF AVAILABLE)
English

HOUSING, PLUG MR II 12 POSITION

PDF (TIFF AVAILABLE)
English

CAD Files

Customer View Model

2D_DXF.ZIP
English

Customer View Model

3D_STP.ZIP
English

Customer View Model

3D_IGS.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

[12P MR II PLUG HSG V0 RED](#)

PDF
English

Instruction Sheets

Instruction Sheet (U.S.)

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

PDF
English

[AMP* MINIATURE RECTANGULAR II \(MII\) 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

Plug

Contact Type

Socket

Configuration Features

Number of Positions

12

Centerline

4.19 mm [.165 in]

Number of Signal Positions

12

Number of Rows

4

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

21.34 mm [.84 in]

Height

12.95 mm [.51 in]

Accepts Wire Insulation Diameter Range

2.92 mm [.115 in]

Width

25.53 mm [1.17 in]

Usage Conditions

Sealed Condition

Not Sealed

Operation/Application

Connector System

Wire-to-Board, 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

800

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>POWER CONTACTS</p> <p>MR RECEPTACLE AU PHBZ 794000-2</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>POWER CONTACTS</p> <p>MR RECEPTACLE PTPPHBZ 794000-1</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>POWER CONTACTS</p> <p>MR RECPT PTPPHBZ LP 26- 24 794001-1</p> <p>Save to List</p> <p>Find Similar Products</p>	<p>RECTANGULAR BOOTS & STRAIN RELIEF</p> <p>12P STR/REL HSG HNGD V0 350374-1</p> <p>Save to List</p> <p>Find Similar Products</p>
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Products - 5 Results

[View All](#)

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Relation Type ▼

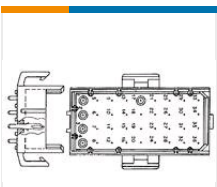
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
AMP | 12P, Miniature Rectangular

Always EU RoHS/ELV Compliant

12P MR HDR ASSY V0

RED - 640502-1

TE INTERNAL NUMBER: 640502-1



✓ Active

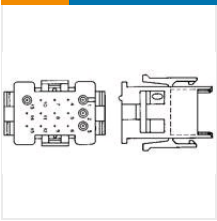
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
AMP I 12P, Miniature Rectangular

12P MR II CAP HSG V0

RED - 1-640512-0

TE INTERNAL NUMBER: 1-640512-0

✓ Active

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 **12**



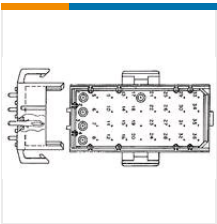
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
AMP I 12P, Miniature Rectangular

12P MR HDR ASSY V0

RED - 640502-3

TE INTERNAL NUMBER: 640502-3

✓ Active

Always EU RoHS/ELV Compliant