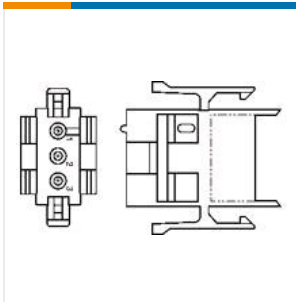+ CONNECTORS

RECTANGULAR POWER CONNECTORS

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

TE CONNECTIVITY (TE)

02P MR II CAP HSG V0 RED

AMP | CAP , Miniature Rectangular

1-640507-0
TE Internal Number: 1-640507-0

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 **2**

Product Drawings

HOUSING, CAP MRII 2 POSITION
PDF
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, Minature 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_1-640507-0_050320131024_dmtec
PDF

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	**2**
	Centerline	**4.2 mm [.165 in]**
	Number of Signal Positions	**2**
	Number of Rows	**1**
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 [.51 in]**
Usage Conditions	Sealed Condition	**Not Sealed**
Operation/Application	Connector System	**Wire-to-Panel, Wire-to-Wire**
	Applies To	**Wire/Cable**
	Operating Temperature	**-55 – 105 °C [-67 – 221 °F]**
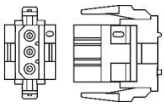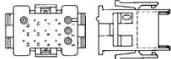
Industry Standards	UL Rating	**Recognized**
	CSA File Number	**LR7189**
	Agency/Standard	**CSA, UL**
	Agency/Standard Number	**E28476**

| Packaging Features | Packaging Method | **Box** |
| | Packaging Quantity | **200** |

Product Compliance	Statement of Compliance
	PDF
	VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	POWER CONTACTS	RECTANGULAR POWER CONNECTORS
02P MR II PLUG HSG V0 RED	04P MR II CAP HSG V0 RED	III+ PIN, 18-14, 30AU/FL, STRIP	PLUG, 2 CIRCUIT , UNIVERSAL MATE-N-LOK
1-640517-0	1-640509-0	66597-2	1-1703061-2
Save to List	Save to List	Save to List	Save to List
Find Similar Products	Find Similar Products	Find Similar Products	Find Similar Products

Products - 1 Results

View All

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 | HS, Miniature Rectangular

02P MR II PLUG HSG V0
RED - 1-640517-0
TE INTERNAL NUMBER: 1-640517-0
ALIAS ID: 11998

✔ Active

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 **2**