



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Mating Alignment: **With**
Mating Alignment Type: **Polarization**
Mating Retention: **With**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Signal Positions	4
Number of Power Positions	0
Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Black
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Contact Features

Contact Layout	Matrix
Contact Type	Pin
Contact Retention Within Housing	With
Contact Current Rating (Max)	9 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	Without
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Positive Lock
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PA 66
Centerline (Pitch)	4.2 mm[.165 in]

Dimensions

Row-to-Row Spacing	4.19 mm[.165 in]
Panel Thickness (Recommended)	1.73 mm[.068 in]
Compatible Insulation Diameter Range	2.92 mm[.115 in]
Connector Width	12.95 mm[.675 in]
Connector Height	7.37 mm[.29 in]
Wire Size	26 – 18 AWG
Connector Length	26.92 mm[1.06 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1500
Packaging Method	Box

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

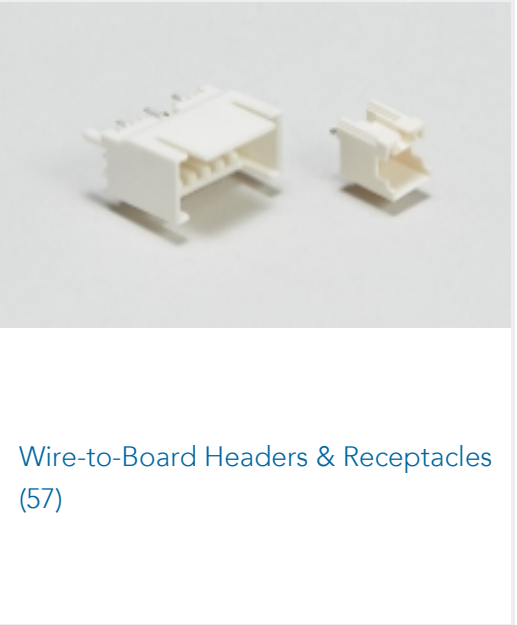
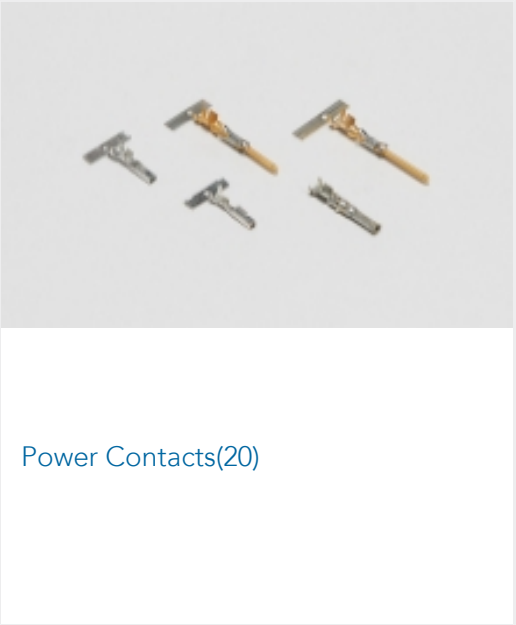
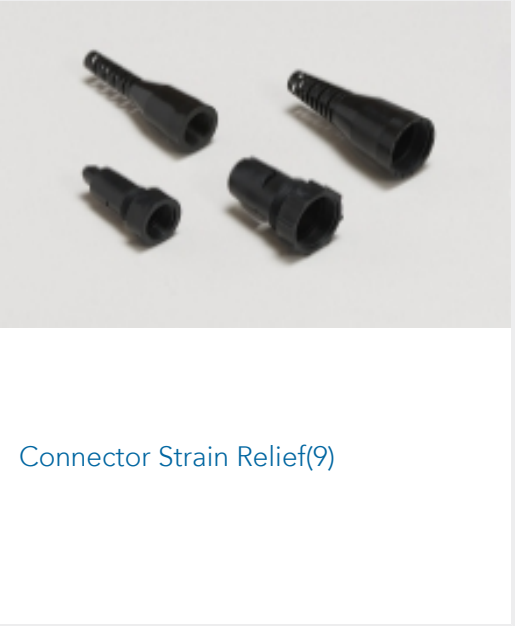
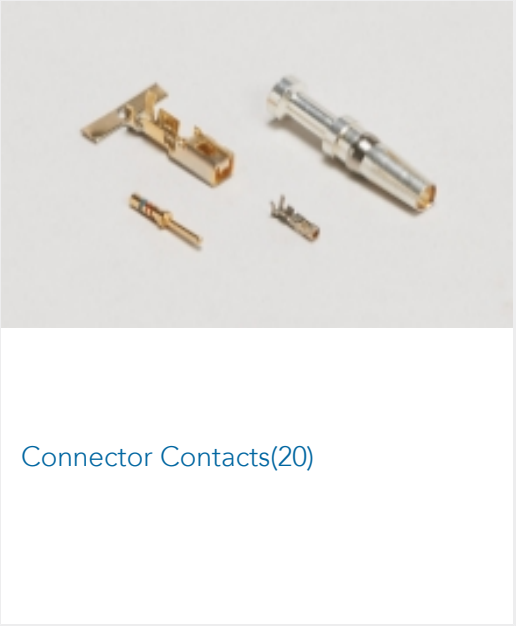
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

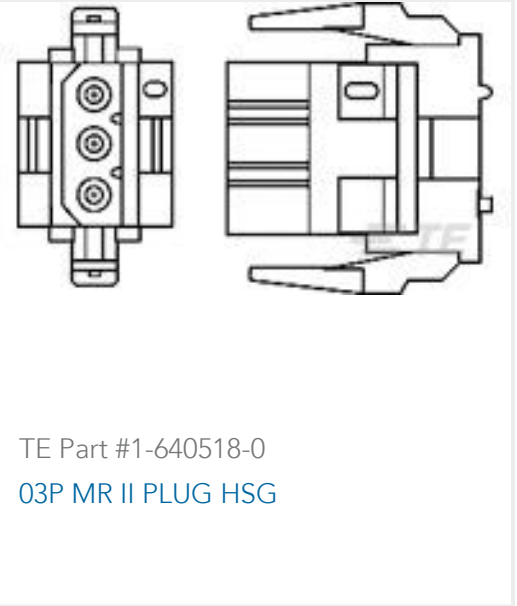
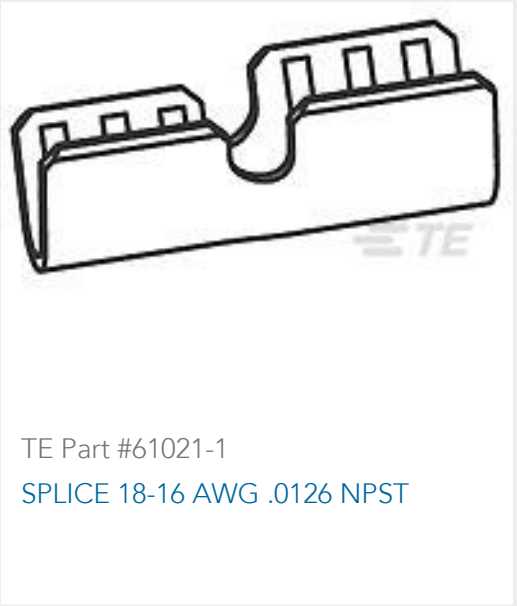
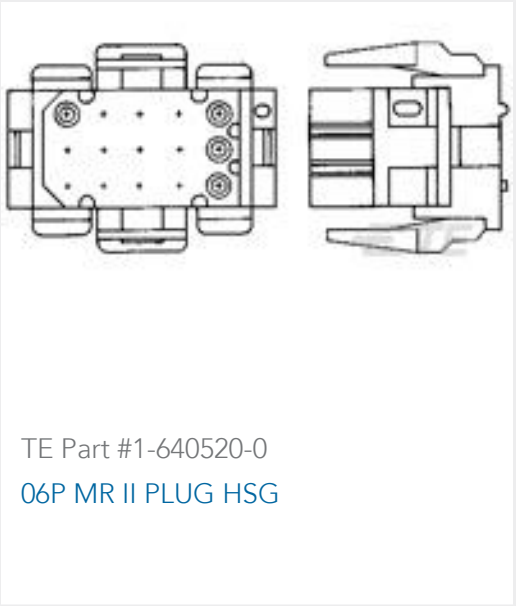
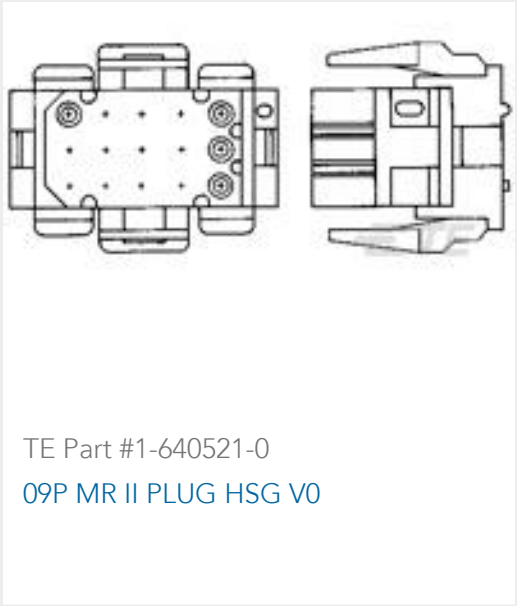
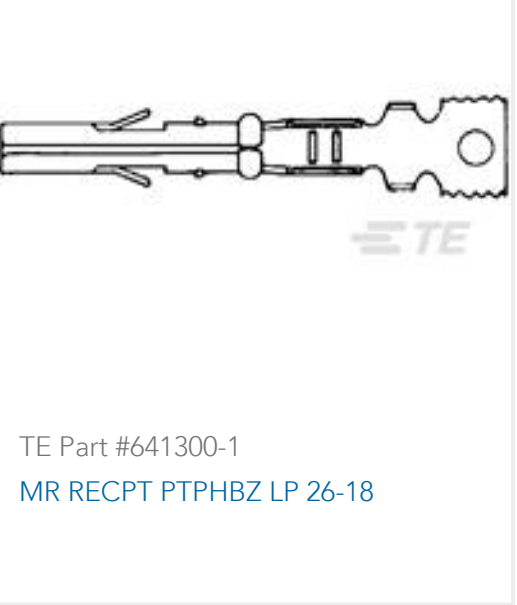
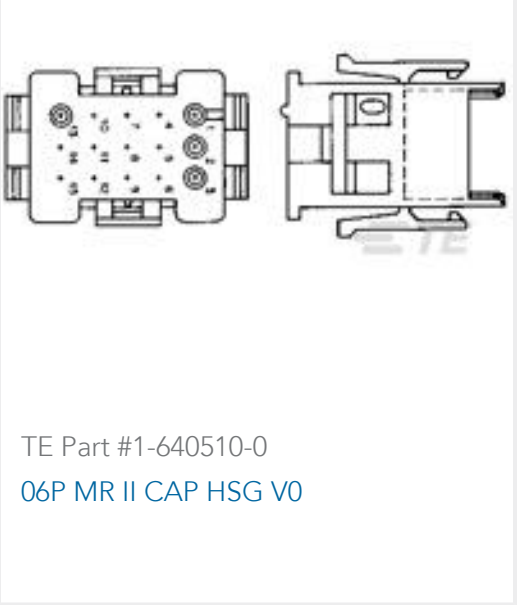
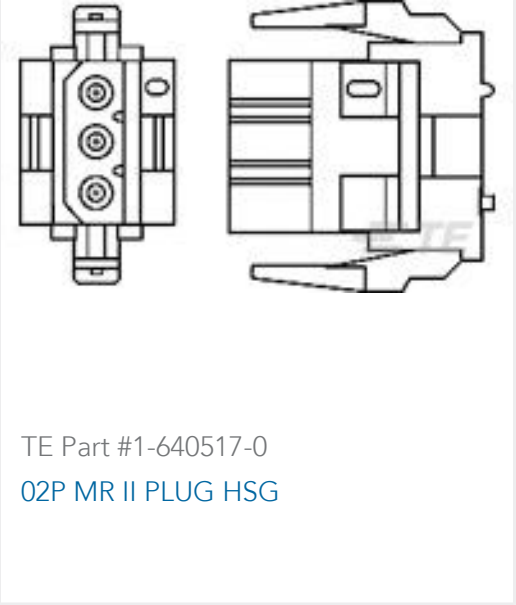
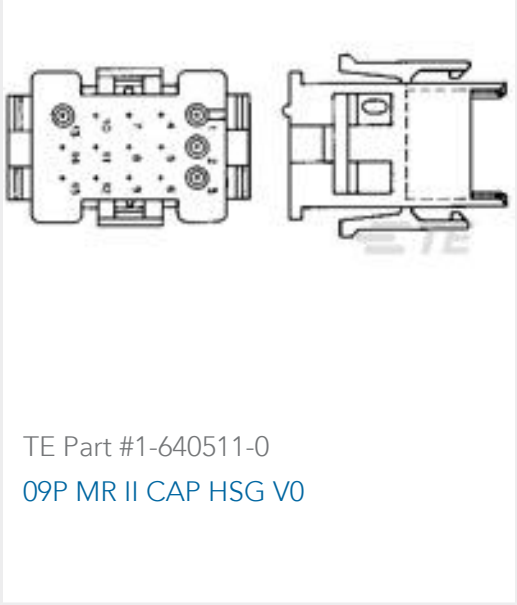
Compatible Parts



Also in the Series | AMP Miniature Rectangular MR



Customers Also Bought





Documents

Product Drawings

04P MR II CAP HSG V0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-640509-0_AG.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-640509-0_AG.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-640509-0_AG.3d_stp.zip

English

3D PDF

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Customer View Model

ENG_CVM_1-640509-0_F.2d_dxf.zip

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English

Customer View Model

ENG_CVM_1-640509-0_F.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Application Specification

English



Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

AMP* MINIATURE RECTANGULAR II (MRII) CONNECTORS

English

Agency Approvals

[Agency Approval Document](#)

English