

350735-1 ✓ ACTIVE

MATE-N-LOK | Universal MATE-N-LOK

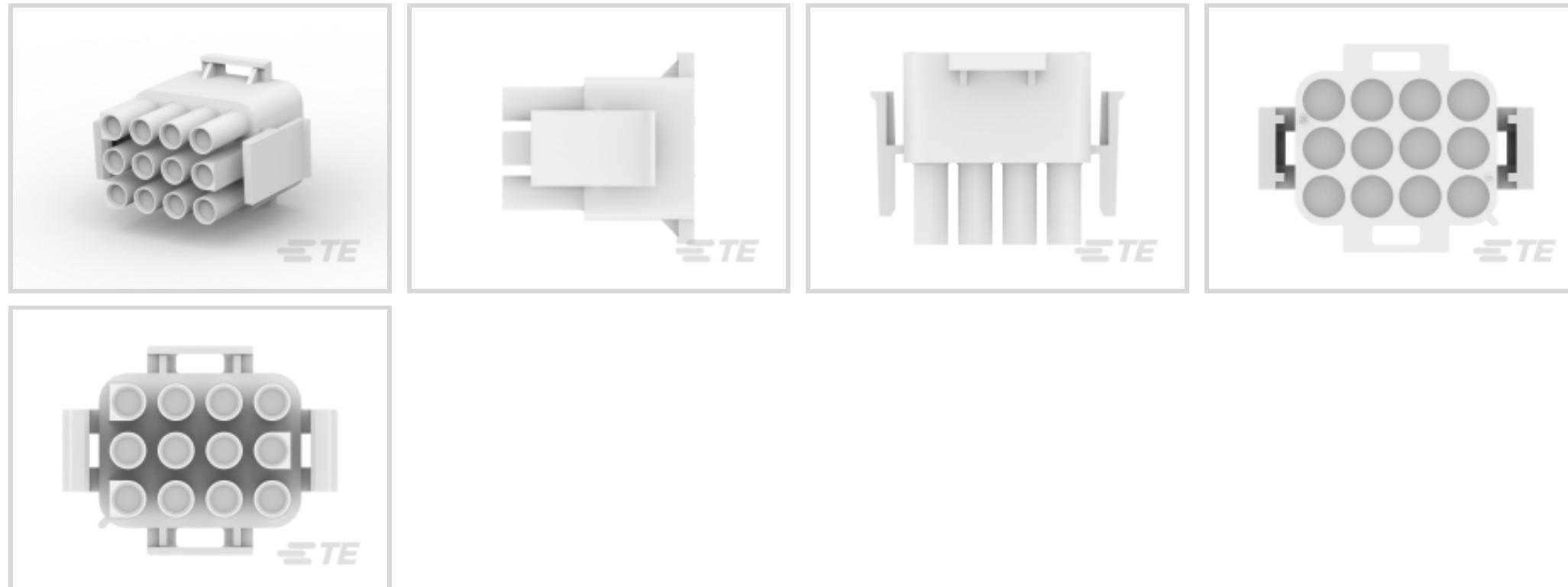
TE Internal #: 350735-1

Universal MATE-N-LOK, Rectangular Power Connectors, Housing,
Plug, Wire-to-Board / Wire-to-Wire, 12 Position, .25 in [6.35 mm]
Centerline

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **12**

Centerline (Pitch): **6.35 mm [.25 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Rows	3

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Multiple Contact Types	Without
Contact Layout	Matrix
Contact Retention Within Housing	Without

Contact Type

Socket

Termination Features

Termination Method to Wire & Cable

Crimp

Mechanical Attachment

Connector Mounting Type

Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)

6.35 mm[.25 in]

Housing Color

Natural

Housing Material

Nylon GF

Dimensions

Row-to-Row Spacing

6.35 mm[.25 in]

Usage Conditions

Operating Temperature Range

-55 – 105 °C[-67 – 221 °F]

Operation/Application

Assembly Integration Feature

Without

Circuit Application

Power & Signal

Industry Standards

CSA Rating

Certified

UL Flammability Rating

UL 94V-0

Glow Wire Rating

Standard Part - Not Glow Wire

UL Rating

Recognized

Agency/Standard Number

E28476

CSA File Number

LR16455

VDE Tested

Yes

Agency/Standard

CSA, UL

Packaging Features

Packaging Method

Package

Packaging Quantity

1

Other

For Use With

Appropriate Universal MATE-N-LOK Cap or Header

Product Compliance

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

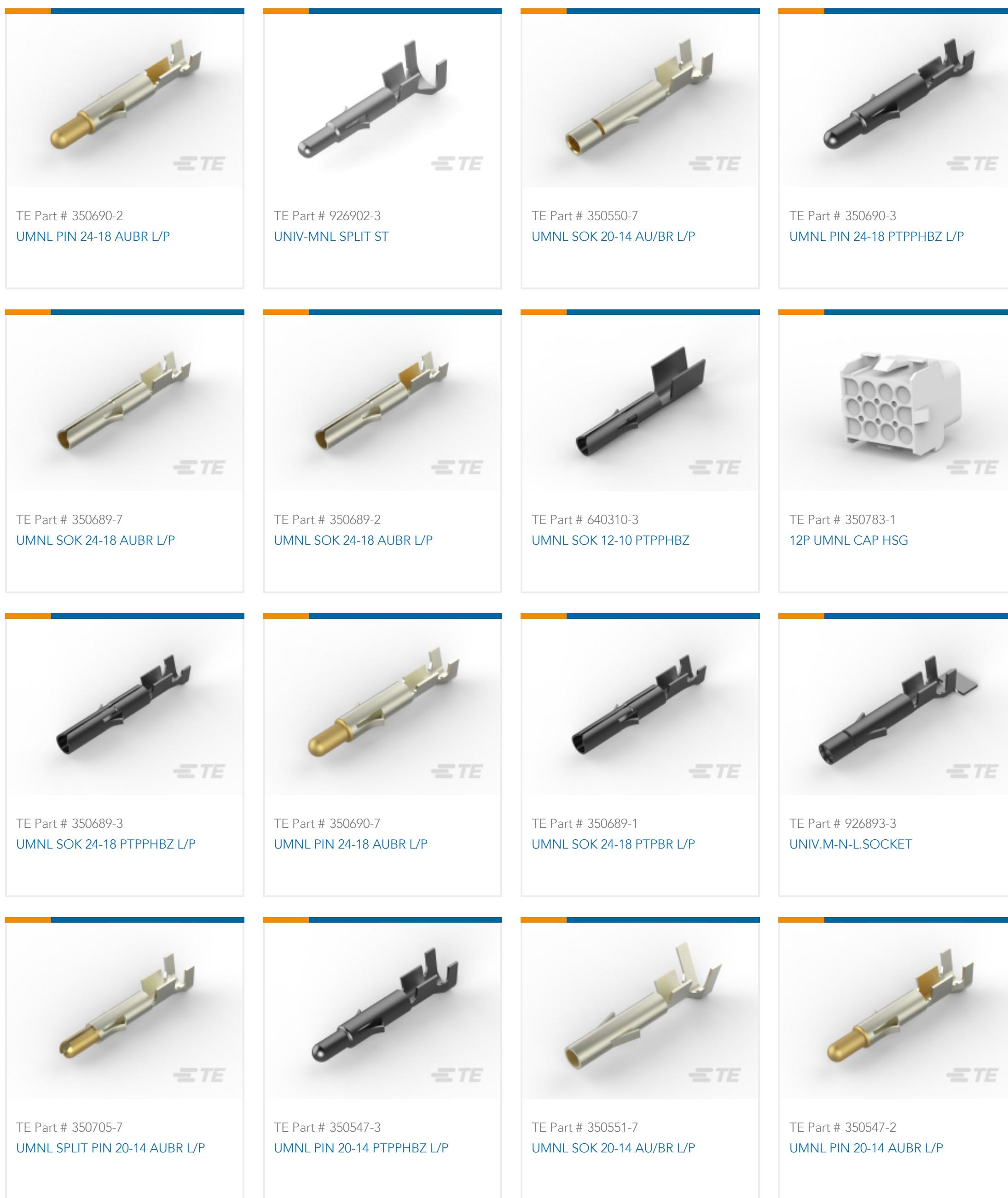
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

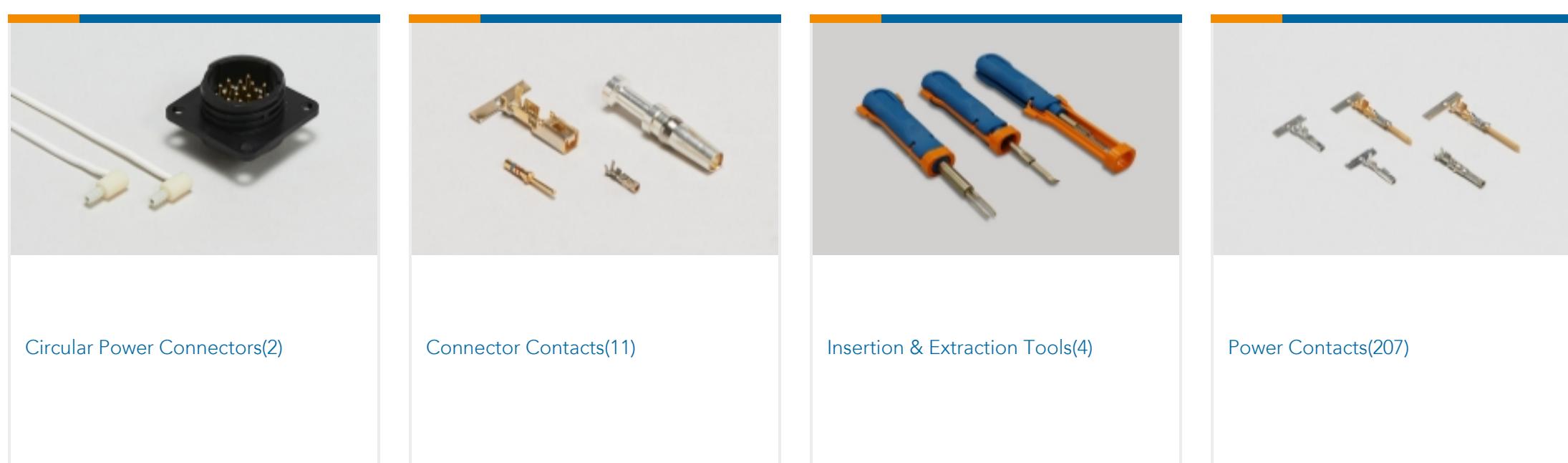
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

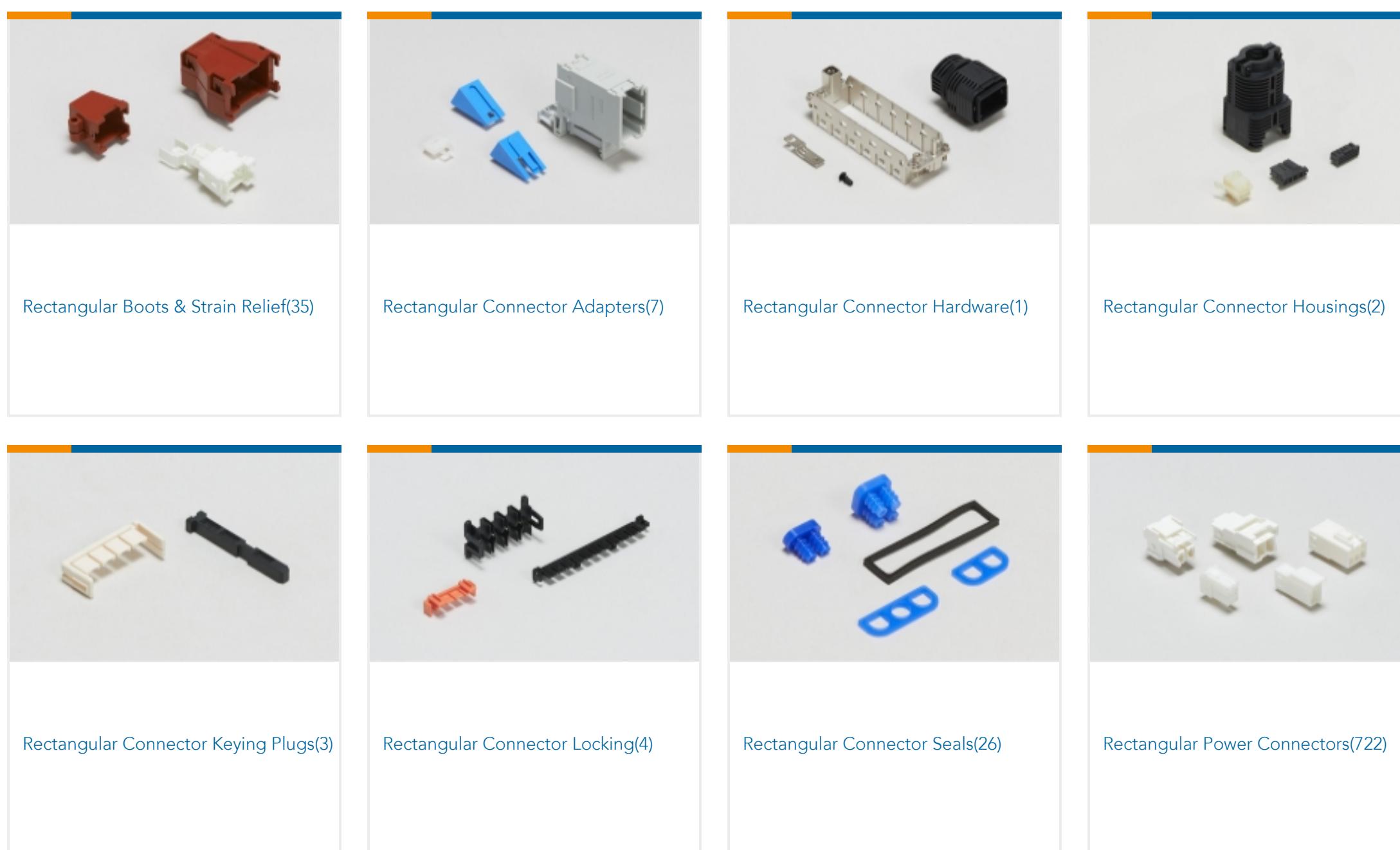
Compatible Parts



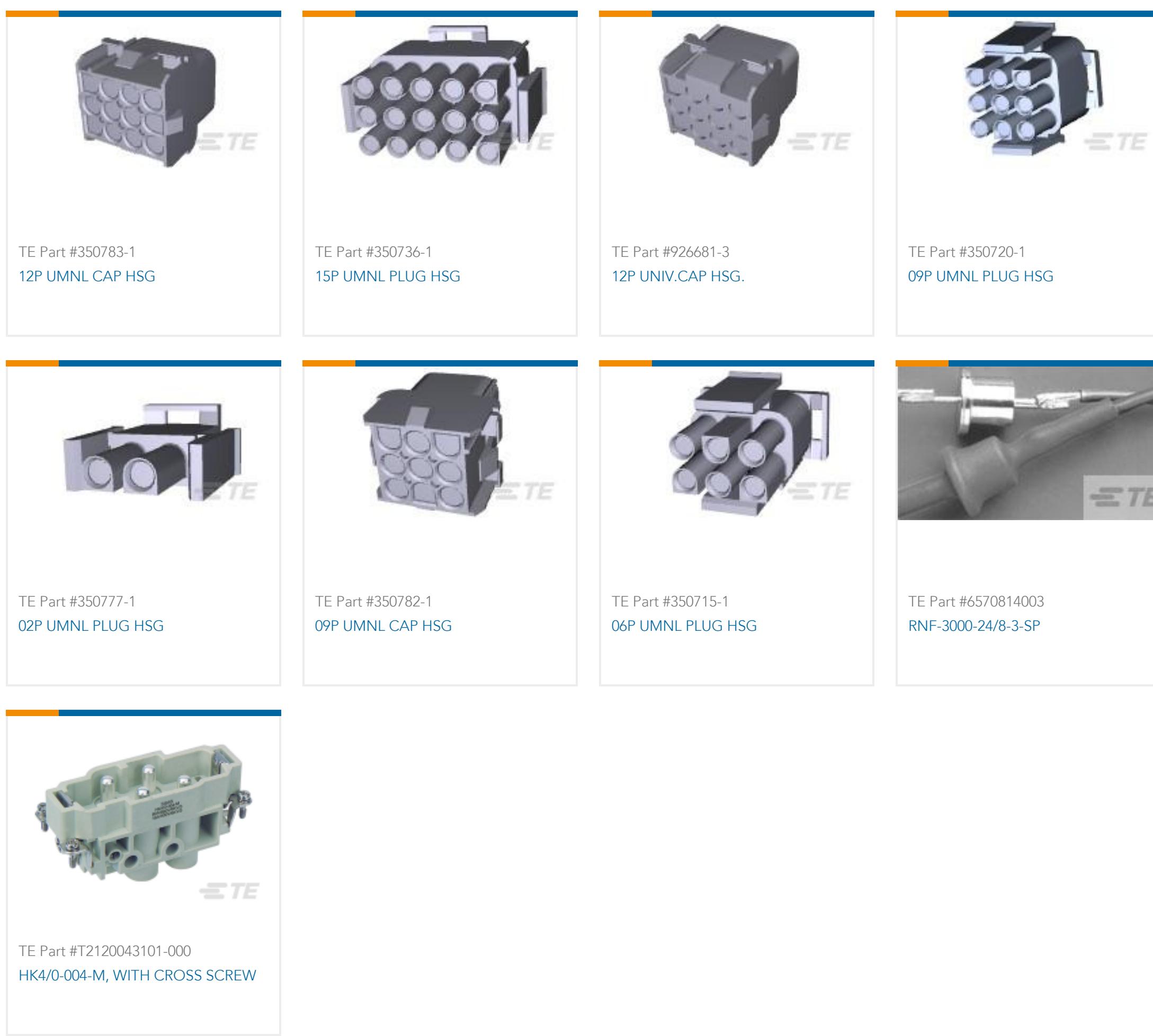


Also in the Series | Universal MATE-N-LOK





Customers Also Bought



Documents

Product Drawings

12P UMNL PLUG HSG

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_350735-1_BD.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350735-1_BD.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350735-1_BD.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_350735-1_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_350735-1_W.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_350735-1_W.2d_dxf.zip](#)

English

3D PDF

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_350735-1_06062018622_dmtec](#)

English

[MD_350735-1_06062018622_dmtec](#)

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English