



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Panel, Wire-to-Wire**
Contact Retention Within Housing: **Without**

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	0
Number of Power Positions	0
Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Black
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Patch & Tabs
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Nylon
Centerline (Pitch)	6.35 mm[.25 in]

Dimensions

Row-to-Row Spacing	6.35 mm[.25 in]
Panel Thickness (Recommended)	.76 – 2.29 mm[.76 – 2.29 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	Certified, LR 7189
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	1
Packaging Method	Package



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: JUNE 2024 (241) 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



TE Part # 926682-4
6P UN-MNL AUFN-GEH



TE Part # 350707-2
UMNL SPLIT PIN 20-14 AUBR L/P



TE Part # 926883-3
UNIV.M-N-L.PIN



TE Part # 643253-1
06P UMNL ASSY MOD HSG VO



TE Part # 350925-6
UMNL SOK AUNI/PHBZ



TE Part # 350537-3
UMNL SOK 20-14 .0125 PTPPHBZ



TE Part # 350689-6
UMNL SOK 24-18 AUPHBZ L/P



TE Part # 1586090-3
06P UMNL PINHDR W/O DR HOLE LF



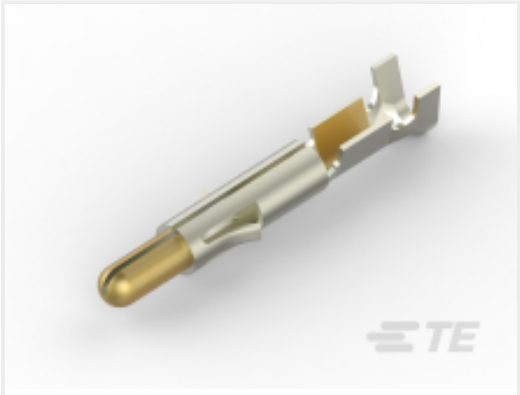
TE Part # 1969881-1
06P UMNL CAP HSG, P/M, GW V0



TE Part # 1586846-1
06P UMNL PLUG HSG NATL, GW



TE Part # 1586860-1
06P UMNL CAP HSG, GW



TE Part # 350561-1
UMNL PIN 24-18 .0126 PTPBR



TE Part # 350922-6
PIN, MATE-N-LOK, UMNL



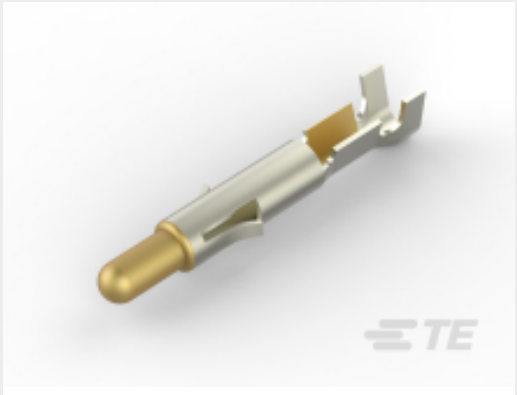
TE Part # 350851-7
UMNL SOK 24-18 AUNIBR



TE Part # 350874-1
UMNL SOK 18-14 .0126 PTPBR



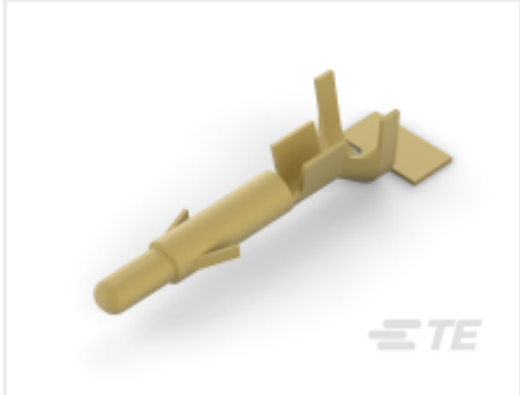
TE Part # 350570-1
UMNL SOK 24-18 PTPBR



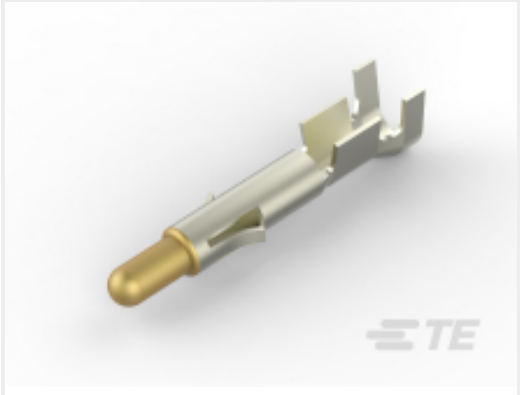
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UMNL PIN 24-18 AUBR L/P



TE Part # 350707-1
UMNL SPLIT PIN 20-14 PTPBR L/P

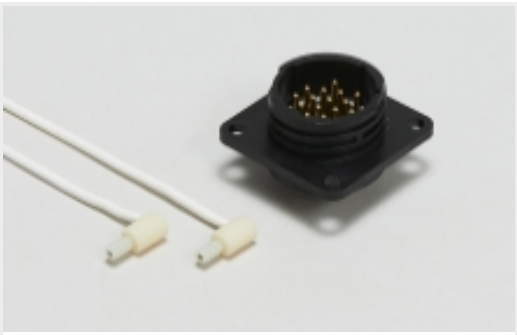


TE Part # 350707-7
UMNL SPLIT PIN 20-14 AUBR L/P



TE Part # 350547-7
UMNL PIN 20-14 AUBR L/P

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



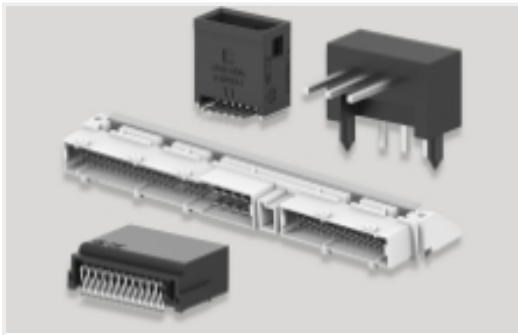
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



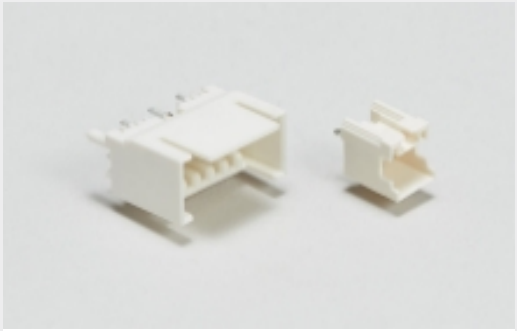
PCB Headers & Receptacles(286)



Rectangular Power Connectors(651)

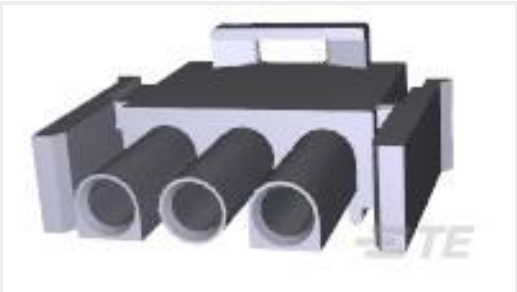


Standard Circular Connectors(1)



Wire-to-Board Headers & Receptacles (286)

Customers Also Bought



TE Part #1-480700-8
03P UMNL PLUG HSG GRY



TE Part #1-480704-9
06P UMNL PLUG HSG BLK



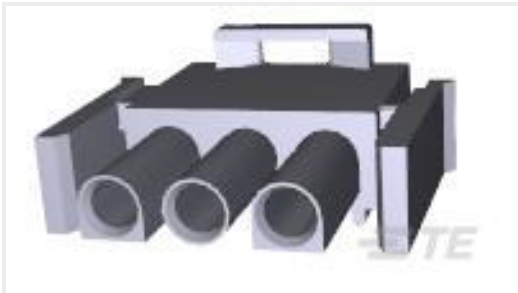
TE Part #32561
PIDG SPDFLG 22-16COMM22-18MIL6



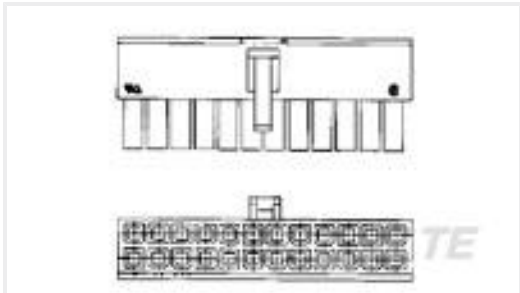
TE Part #1-480701-8
03P UMNL CAP HSG GRY



TE Part #1-480707-9
09P UMNL CAP HSG BLK



TE Part #1-480700-4
03P UMNL PLUG HSG YELL



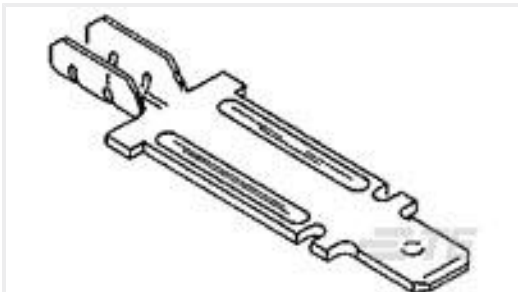
TE Part #1586765-4
4P RCPT VAL-U-LOK GW



TE Part #1-480709-9
12P UMNL CAP HSG BLK



TE Part #1-480706-9
09P UMNL PLUG HSG BLK



TE Part #63301-1
250 FASTON TAB 22-15 AWG NPST

Documents



Product Drawings

06P UMNLCAP HSG BLK

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-480705-9_CA1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-480705-9_CA1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-480705-9_CA1.3d_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_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

UL

English