1-480704-0 ✔ ACTIVE

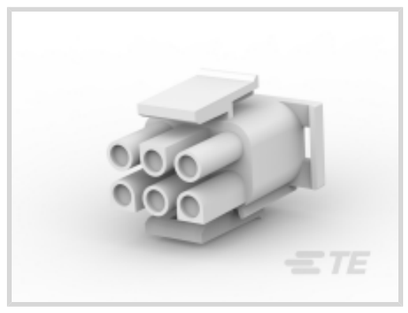
MATE-N-LOK | Universal MATE-N-LOK

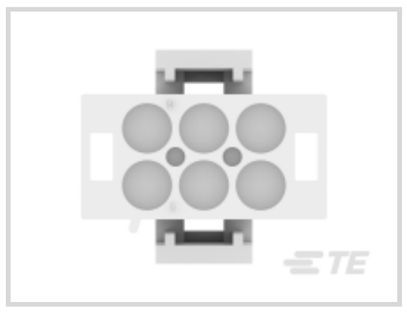
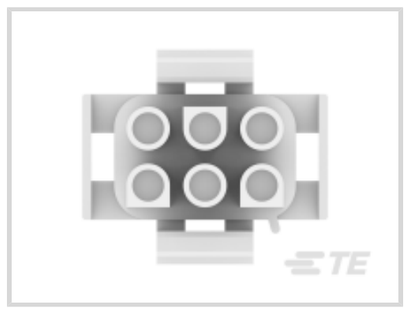
TE Internal #: 1-480704-0

Universal MATE-N-LOK, Rectangular Power Connectors, Housing, Plug, Wire-to-Wire / Wire-to-Board, 6 Position, 6.35mm [.25in] Centerline, Wire & Cable

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: **6**

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

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Multiple Contact Types	Without

Contact Layout	Matrix
Contact Retention Within Housing	Without

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

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-2
Glow Wire Rating	Standard Part - Not Glow Wire
UL Rating	Recognized
Agency/Standard Number	E28476
CSA File Number	LR7189
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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

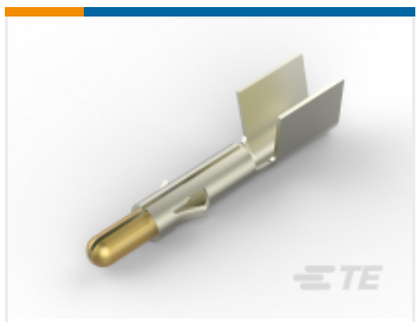
Product Compliance Disclaimer

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



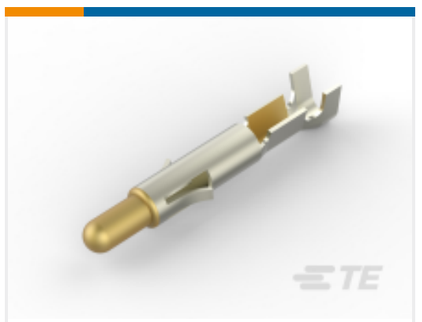
TE Part # 350431-4
06P UMNL PINHDR ASSY V2 NAT LF



TE Part # 640309-6
UMNL PIN 12-10 AU/PHBZ



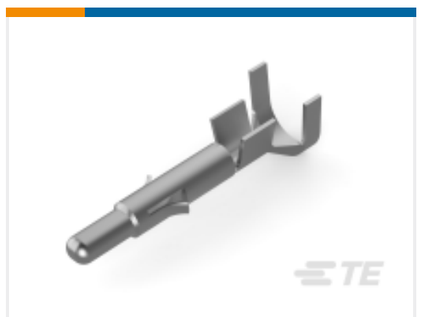
TE Part # 350551-6
UMNL SOK 20-14 AU/PHBZ L/P



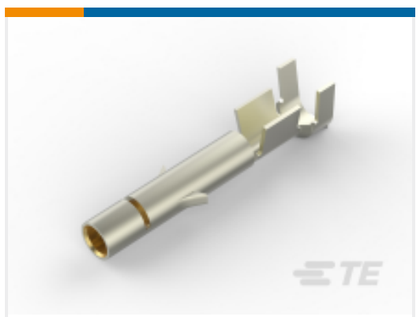
TE Part # 350690-2
UMNL PIN 24-18 AUBR L/P



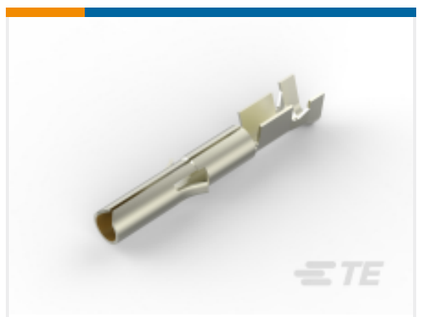
TE Part # 350762-5
06P UMNL HDR ASSY PC LF



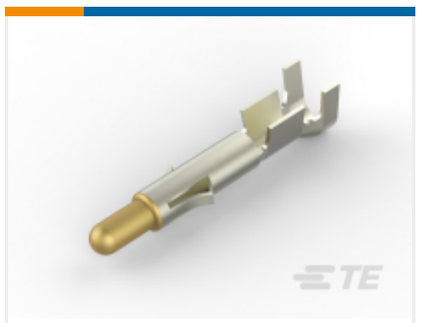
TE Part # 926902-3
UNIV-MNL SPLIT ST



TE Part # 350550-7
UMNL SOK 20-14 AU/BR L/P



TE Part # 350689-7
UMNL SOK 24-18 AUBR L/P



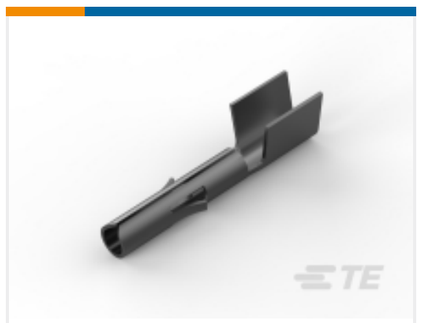
TE Part # 350547-7
UMNL PIN 20-14 AUBR L/P



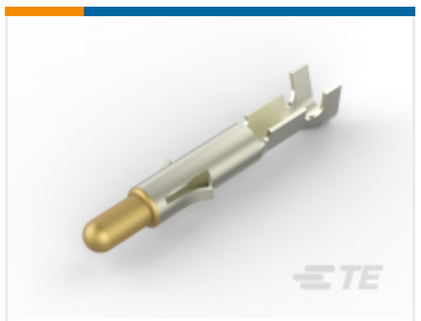
TE Part # 350585-1
06P UMNL PIN HDR ASSY V2 NATL



TE Part # 350689-2
UMNL SOK 24-18 AUBR L/P



TE Part # 640310-3
UMNL SOK 12-10 PTPPHBZ



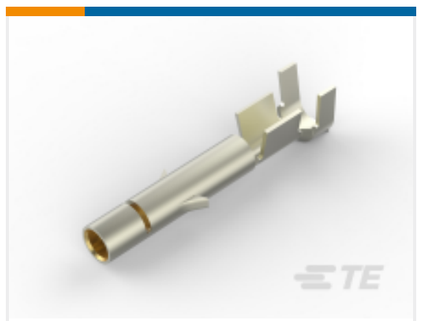
TE Part # 350690-7
UMNL PIN 24-18 AUBR L/P



TE Part # 350689-1
UMNL SOK 24-18 PTPBR L/P



TE Part # 926893-3
UNIV.M-N-L.SOCKET



TE Part # 350550-6
UMNL SOK 20-14 AU/PHBZ L/P



TE Part # 350705-7
UMNL SPLIT PIN 20-14 AUBR L/P



TE Part # 350547-3
UMNL PIN 20-14 PTPPHBZ L/P



TE Part # 350551-7
UMNL SOK 20-14 AU/BR L/P



TE Part # 350547-2
UMNL PIN 20-14 AUBR L/P

Also in the Series | Universal MATE-N-LOK



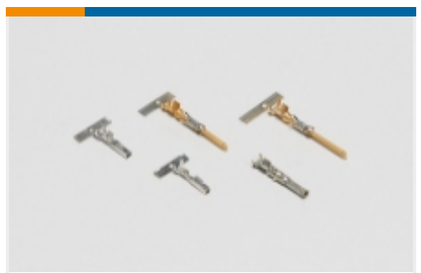
Circular Power Connectors(2)



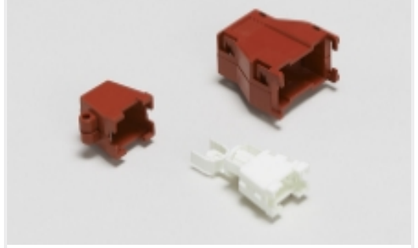
Connector Contacts(11)



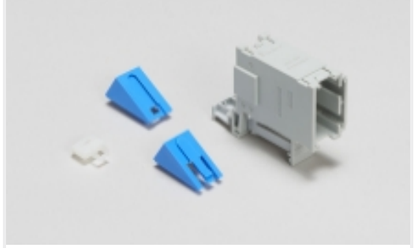
Insertion & Extraction Tools(4)



Power Contacts(207)



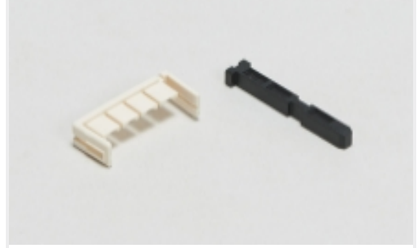
Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



Rectangular Connector Housings(2)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(725)

Customers Also Bought



TE Part #1-480703-0
04P UMNL CAP HSG NATL



TE Part #1-480706-0
09P UMNL PLUG HSG NATL



TE Part #1-480698-0
02P UMNL PLUG HSG NATL



TE Part #1-480705-0
06P UMNL CAP HSG NATL



TE Part #1-480701-0
03P UMNL CAP HSG NATL



TE Part #1-480702-0
04P UMNL PLUG HSG NATL



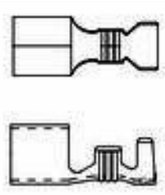
TE Part #1-480699-0
02P UMNL CAP HSG NATL



TE Part #1-480700-0
03P UMNL PLUG HSG NATL



TE Part #794276-1
06P UMNL WIRE SEAL



TE Part #1-1627215-3
RECEPTACLE, FUSE (H3374/R8000)

Documents

Product Drawings

06P UMNL PLUG HSG NATL

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-480704-0_AP.3d_igs.zip

English

Customer View Model

ENG_CVM_1-480704-0_AP.3d_stp.zip

English

Customer View Model

ENG_CVM_1-480704-0_AP.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-480704-0_CB.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-480704-0_CB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-480704-0_CB.3d_stp.zip

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_1-480704-0

English

MD_1-480704-0

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English