05P UMNL PLUG HSG NATL ✔ ACTIVE

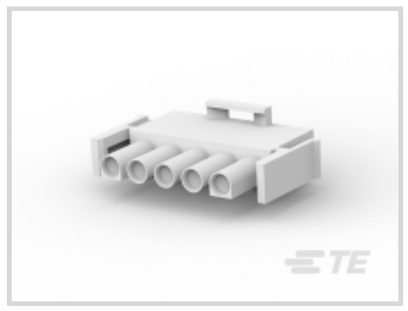
MATE-N-LOK | Universal MATE-N-LOK

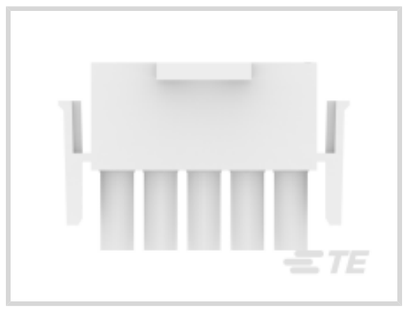
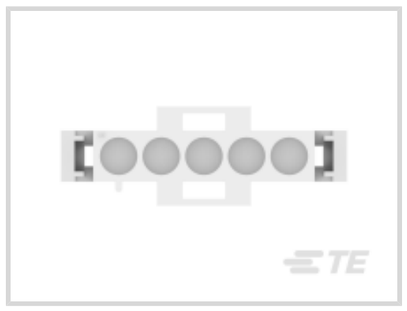
TE Part # 1-480763-0

TE Internal #: 1-480763-0

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors




Product Type: **Housing**

Housing Type: **Plug**

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

Number of Positions: **5**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	5
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Contact Layout	Inline

Multiple Contact Types	Without
Contact Retention	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]
UL Flammability Rating	UL 94V-2
Housing Color	Natural
Housing Material	Nylon

Dimensions

Width	14.73 mm
	.03 – .09 in
Length	33.02 mm

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
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR7189
VDE Tested	Yes

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

For Use With	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: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

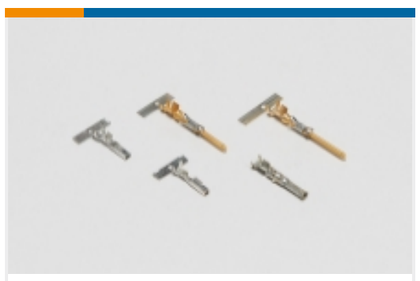
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Connector Contacts(7)



Power Contacts(144)



Rectangular Power Connectors(7)

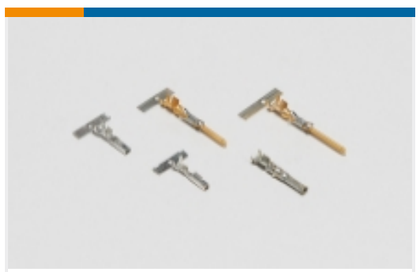
Also in the Series | Universal MATE-N-LOK



Circular Power Connectors (2)



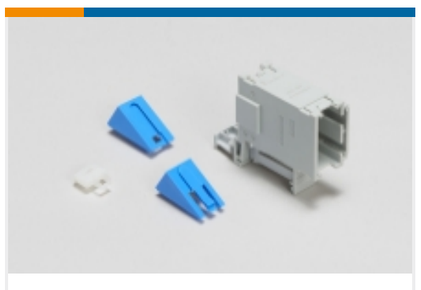
Connector Contacts(11)



Power Contacts(208)



Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



Rectangular Connector Housings(3)



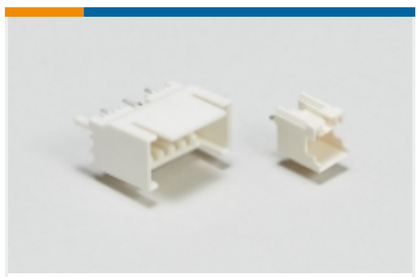
Rectangular Connector Keying Plugs(3)



Rectangular Connector Seals(26)

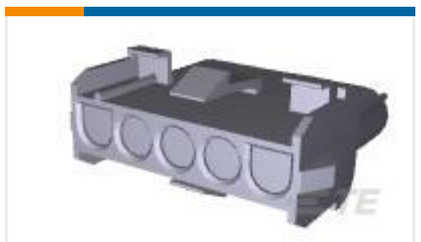


Rectangular Power Connectors(717)



Wire-to-Board Headers & Receptacles(3)

Customers Also Bought



TE Part #1-480764-0
05P UMNL CAP HSG NATL



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



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



TE Part #4-520447-2
ULTRA-FAST 250 ASY REC 12-10 AWG TPBR



TE Part #66504-3
20 DF SCKT CONT



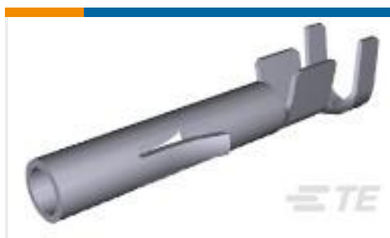
TE Part #3-520140-2
ULTRA-FAST 250 ASY REC 16-14 AWG TPBR



TE Part #2-520128-2
ULTRA-FAST 250 ASY REC 22-18 AWG TPBR



TE Part #350218-1
UMNL PIN 20-14 . 0126PTPBR



TE Part #350536-1
UMNL SOK 20-14 .0126
PTPBR



TE Part #350537-1
UMNL SOK 20-14 .0126
PTPBR

Documents

Product Drawings

05P UMNL PLUG HSG NATL

English

CAD Files

Customer View Model

ENG_CVM_1-480763-0_AC.3d_igs.zip

English

Customer View Model

ENG_CVM_1-480763-0_AC.3d_stp.zip

English

Customer View Model

ENG_CVM_1-480763-0_AC.2d_dxf.zip

English

3D PDF

English

Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

MD_1-480763-0_03202018438_dmtec

English

MD_1-480763-0_03202018438_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English