

04P UMNL PLUG HSG BRN

✓ ACTIVE

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

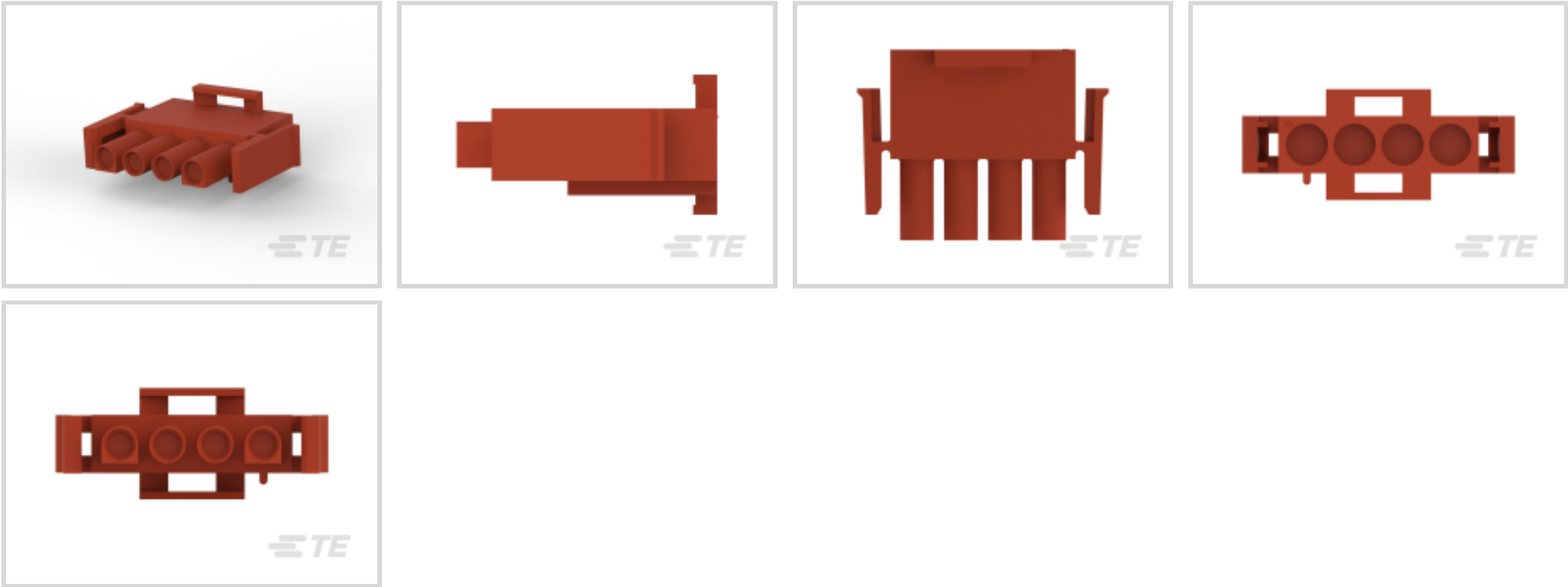
TE Part # 1-480702-1

TE Internal #: 1-480702-1

[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: **4**
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	Pin

Configuration Features

Number of Positions	4
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Multiple Contact Types	Without
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Contact Layout	Inline
Contact Retention	Without

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	6.35 mm[.25 in]
UL Flammability Rating	UL 94V-2
Housing Color	Brown
Housing Material	Nylon

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Assembly Integration Feature	Without
Circuit Application	Power & Signal

Industry Standards

CSA Rating	Certified
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
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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	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

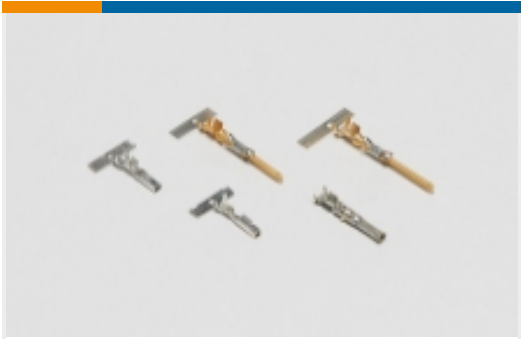
Product Compliance Disclaimer

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 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)

Also in the Series | Universal MATE-N-LOK

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TE Part # 1-480702-1
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Circular Power Connectors
(2)



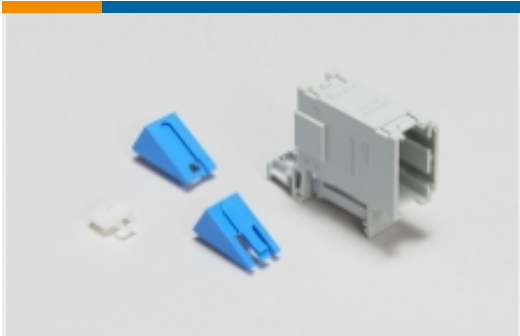
Connector Contacts(11)



Power Contacts(208)



Rectangular Boots & Strain
Relief(35)



Rectangular Connector
Adapters(7)



Rectangular Connector
Housings(3)



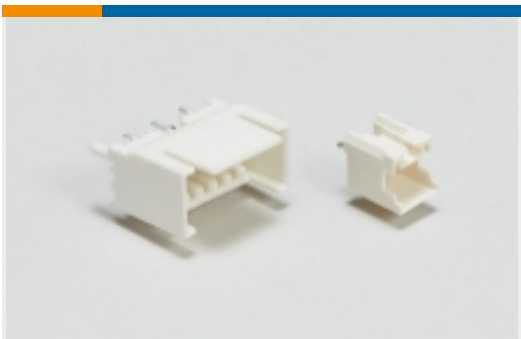
Rectangular Connector
Keying Plugs(3)



Rectangular Connector
Seals(26)



Rectangular Power
Connectors(717)



Wire-to-Board Headers &
Receptacles(3)

Customers Also Bought



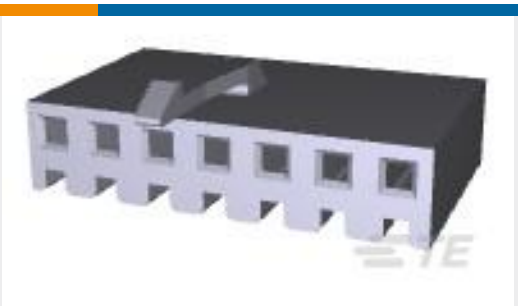
TE Part #6-1123722-4
3.96 EP PLUG HSG 4P
(GREEN)



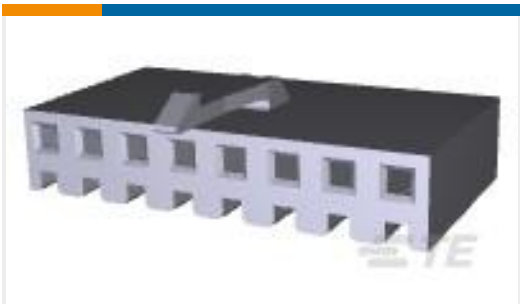
TE Part #1586848-1
12P UMNL PLUG HSG, GW



TE Part #4-641435-5
15P MTA156 CONN ASSY
ORNG



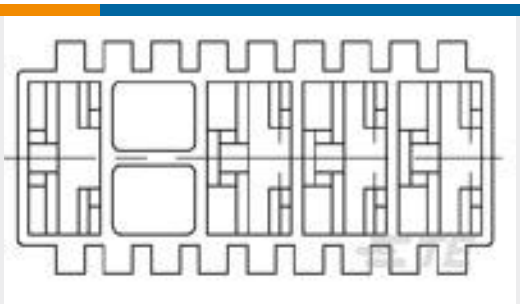
TE Part #770894-7
07P SL156 HSG W/THRU
BD LATCH



TE Part #770894-8
08P SL156 HSG W/THRU
BD LATCH



TE Part #1-88859-1
005 HOUSING FFC RCPT
SR 100CL



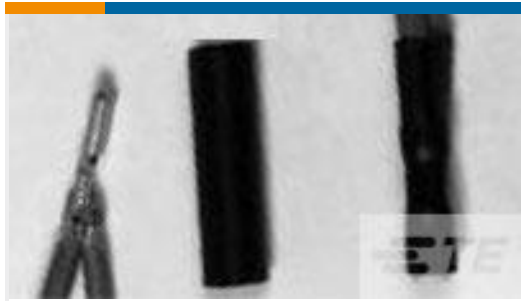
TE Part #521267-1
POSI-LOK HSG.250-5 POS
RAST5



TE Part #52475-3
TERMINAL,PG SPR SPD 12-
10 10



TE Part #C56446-000
RT-3-NO.1-0-5IN



TE Part #520200P032
RT-3-NO.4-0-1.5IN

Documents

Product Drawings

04P UMNL PLUG HSG BRN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-480702-1_BT_c-1-480702-1-bt.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-480702-1_BT_c-1-480702-1-bt.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-480702-1_BT_c-1-480702-1-bt.3d_stp.zip

English

Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Universal MATE-N-LOK Connector

English

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report



English