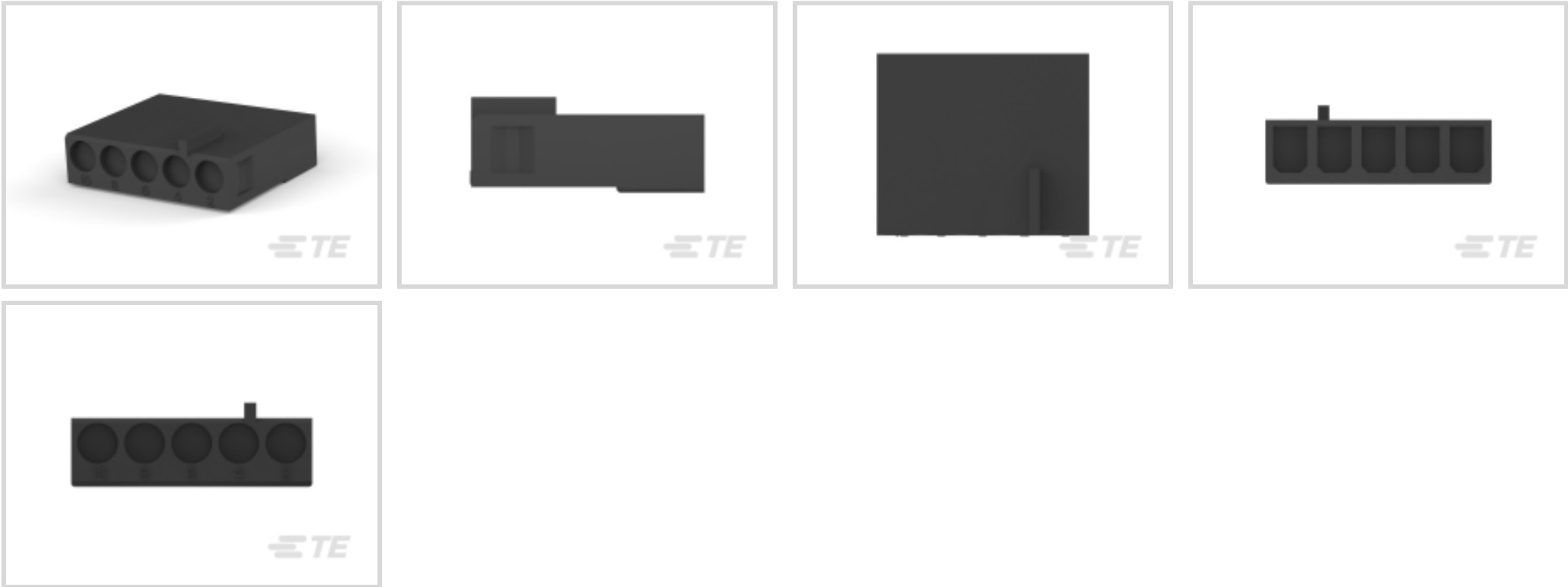




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Connector System: **Wire-to-Wire**
UL Flammability Rating: **UL 94V-2**
Number of Positions: **5**

Features

Product Type Features

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

Configuration Features

Number of Positions	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Body Features

Primary Product Color	Black
-----------------------	-------

Contact Features

--	--



Contact Layout	Inline
----------------	--------

Contact Type	Socket
--------------	--------

Mechanical Attachment

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

Housing Features

Housing Material	Nylon
------------------	-------

Centerline (Pitch)	4.95 mm[.195 in]
--------------------	------------------

Usage Conditions

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

Operation/Application

Circuit Application	Power
---------------------	-------

Identification Marking

Circuit Identification Feature	With
--------------------------------	------

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
---	---------

Compatible With Approved Standards Products	UL E28476
---	-----------

UL Flammability Rating	UL 94V-2
------------------------	----------

Packaging Features

Packaging Method	Package
------------------	---------

Packaging Quantity	1
--------------------	---

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: JAN 2025 (247) 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 # 1-480303-9
03P CMNL PLUG HSG F/H BLK



TE Part # 1-480287-0
12P CMNL PLUG HSG M/M NATL



TE Part # 1-480318-0
02P CMNL PLUG HSG F/H NATL



TE Part # 1-480722-0
04P CMNL PLUG HSG W/LCK NATL



TE Part # 1-480720-0
02P CMNL PLUG HSG W/LOK NATL



TE Part # 1-480388-0
03P CMNL PLUG HSG F/H BLK

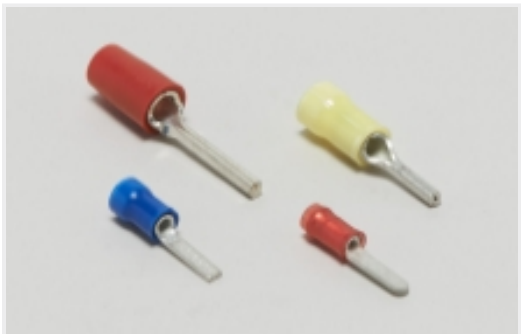


TE Part # 1-480393-1
02P CMNL PLUG HSG F/H BLK

Also in the Series | Commercial MATE-N-LOK



Connector Contacts(150)



Crimp Wire Pins, Tabs & Ferrules(2)



Power Contacts(146)



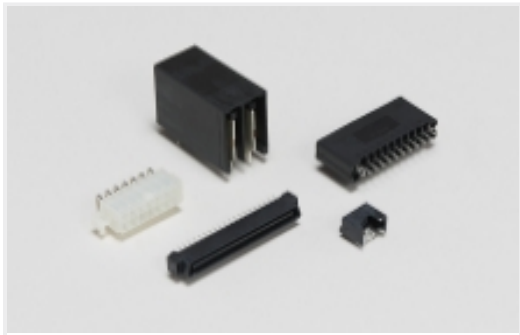
Rectangular Connector Housings(118)



Rectangular Power Connectors(182)

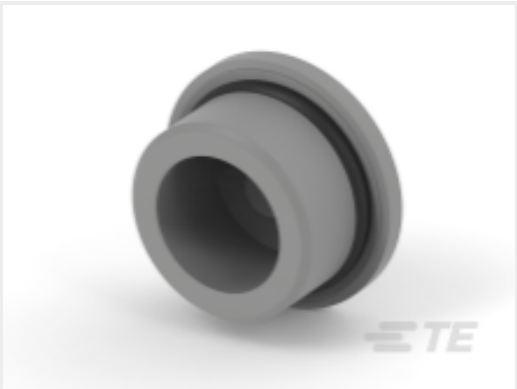


Standard Circular Connectors(2)



Standard Rectangular Connectors(126)

Customers Also Bought



TE Part #T3166160111-000
BLIND-16-PM



TE Part #T3900250250-000
M25X1.5 VA-25-LM



TE Part #T2040244201-000
HE-024-FC



TE Part #T1010161600-000
H16B-KDTP-BO



TE Part #T1926030116-009
H3APR-TGC-M16-EMC-C



TE Part #T1932160000-000
H16BPR-AGC



TE Part #T1922160140-000
H16BPR-TGHC-M40



TE Part #T2040064101-000
HE-006-MC



TE Part #T2040064201-000
HE-006-FC



TE Part #T3609200102-000
DLX-20-M

Documents

Product Drawings

05P CMNL PLUG M/M BLK HT

English

CAD Files

Customer View Model

ENG_CVM_2-480390-1_E.2d_dxf.zip

English

3D PDF



English

Customer View Model

[ENG_CVM_2-480390-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_2-480390-1_E.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2-480390-1_Z.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-480390-1_Z.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-480390-1_Z.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

10 CIRCUIT MATE-N-LOK CONNECTOR

English

Agency Approvals

Agency Approval Document

English