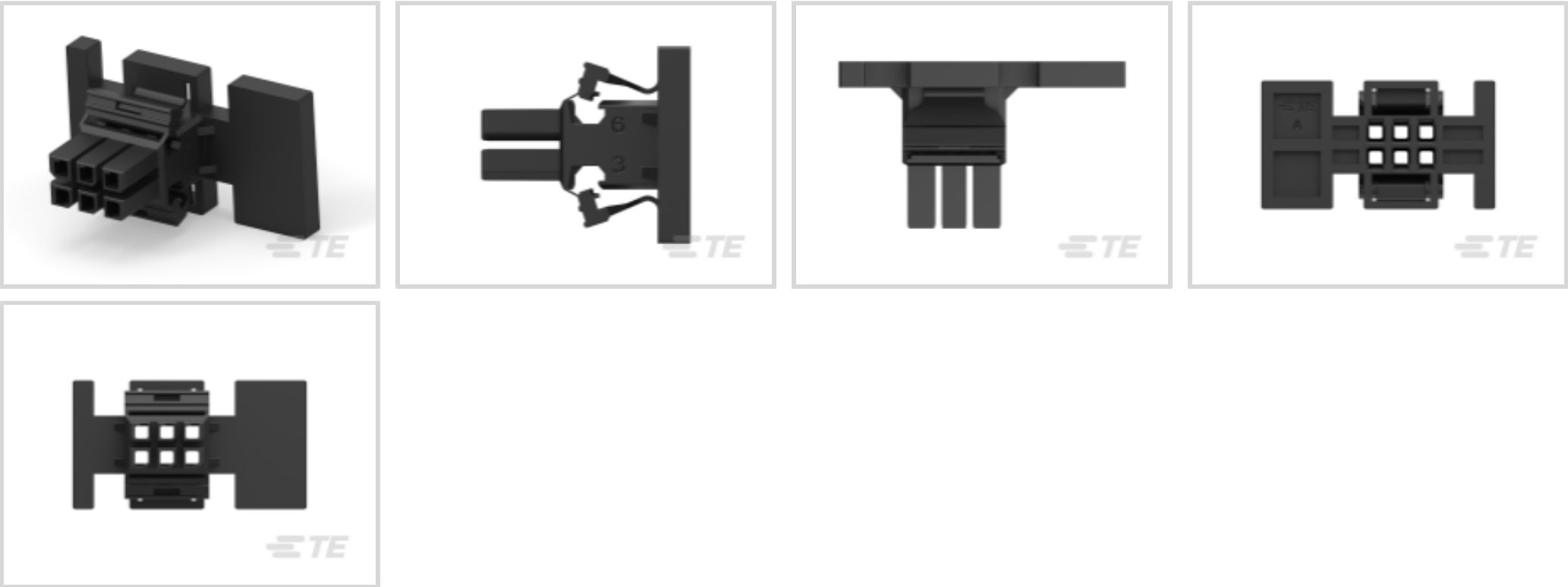




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Wire**

Number of Positions: **6**

Centerline (Pitch): **3 mm [.118 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VDC
-------------------	---------

Contact Features

Contact Current Rating (Max)	5 A
Contact Retention Within Housing	Without
Contact Type	Receptacle



Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3 mm[.118 in]
Housing Color	Black
Housing Material	PA 66/6

Dimensions

Wire Size	.051 – .517 mm <sup>2</sup>
Row-to-Row Spacing	3 mm[.118 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Bag
------------------	-----

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: JUNE 2024 (241)



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 reviewed 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

TE Part # 794606-1  
MICRO MNL RPT CNT STRIP 20-24

TE Part # 2425487-1  
MICRO MNL BLIND MATE HINGED TPA CAP 6P

TE Part # 794607-1  
MICRO MNL RPT CNT STRIP 26-30

Also in the Series | Micro MATE-N-LOK

Connector Contacts(27)

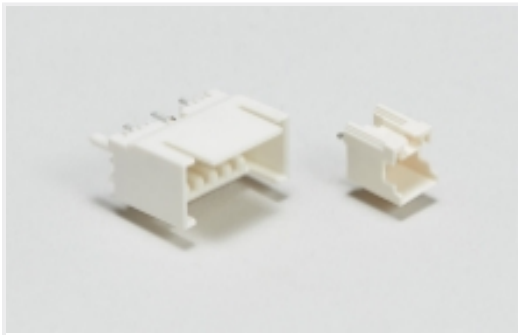
Insertion & Extraction Tools(1)

PCB Headers & Receptacles(371)

Power Contacts(27)



[Rectangular Power Connectors\(98\)](#)



[Wire-to-Board Headers & Receptacles \(371\)](#)

Customers Also Bought



TE Part #CAT-SI261-C1701  
[STD Temp Signal Double Lock Cap](#)



TE Part #917689-2  
[2.5 S.D.L PLUG 5P HSG](#)



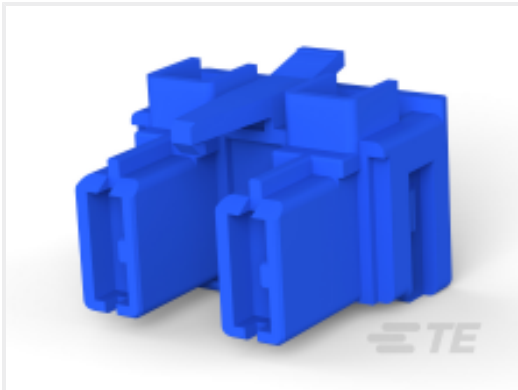
TE Part #1903414-2  
[GHC 9.0 3POS PLUG HSG](#)



TE Part #1-1743165-2  
[250 HSG. PL EX REC. 12mm 2P BLACK](#)



TE Part #1-1743165-5  
[250 HSG. PL EX REC. 12mm 2P YELLOW](#)



TE Part #1743165-8  
[250 HSG. PL EX FLAG REC. 12mm 2P BLUE](#)



TE Part #2297529-1  
[187 P.LOCK MK-II REC FOR 0.8T HIGH TEMP](#)

Documents

Product Drawings

[MICRO MNL BLIND MATE HINGED TPA PLUG 6P](#)

English

CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2425486-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2425486-1\\_A.3d\\_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2425486-1\\_A.2d\\_dxf.zip](#)

English

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



---

Product Specifications

Application Specification

English

---

Agency Approvals

UL Report

English