



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Wire**
Contact Retention Within Housing: **Without**

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	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Cable Exit Angle	180°
Primary Product Color	Black



Contact Features

Contact Layout	Matrix
Contact Type	Pin
Contact Retention Within Housing	Without
Contact Current Rating (Max)	5 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Row-to-Row Spacing	3 mm[.118 in]
Wire Size	.051 – .517 mm ²
Connector Length	16.89 mm

Usage Conditions

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

Circuit Application	Power & Signal
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Identification Marking

Circuit Identification Feature	With
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Industry Standards

Compatible With Agency/Standards Products	CNR, USR, VDE
UL Rating	Recognized
Glow Wire Material Rating	Material with GWFI 850°C, Material with GWIT ≥ 775°C
Compatible With Approved Standards Products	UL E28476, VDE 40005280
Glow Wire Rating	GWT 750°C (Without Flame)
UL Flammability Rating	UL 94V-0

Packaging Features



Packaging Quantity	17000
Packaging Method	Box

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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 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 # 2315758-2
2P MICRO MNL PLUG HSG PNL MT
DBL RW V0 G



TE Part # 3-794615-8
8P MICRO MNL PLUG HSG PNL MT
DBL RW V0 G



TE Part # 3-794616-0
10P MICRO MNL PLUG HSG FREE
HNG DBL RW

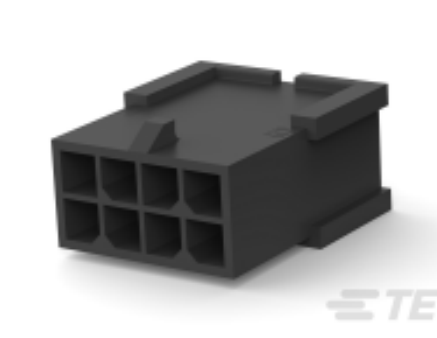


TE Part # 2315758-4
4P MICRO MNL PLUG HSG PNL MT
DBL RW V0 G





TE Part # 2315744-4
4P, MICRO MNL,RCPT HSG, DUAL ROW, V0 GW



TE Part # 3-794616-8
8P MICRO MNL PLUG FREE HNG DBL RW HSG V0



TE Part # 3-794615-0
10P MICRO MNL PLUG HSG PNL MT DBL RW V0



TE Part # 3-794615-6
6P MICRO MNL PLUG HSG PNL MT DBL RW V0 G

Also in the Series | Micro MATE-N-LOK



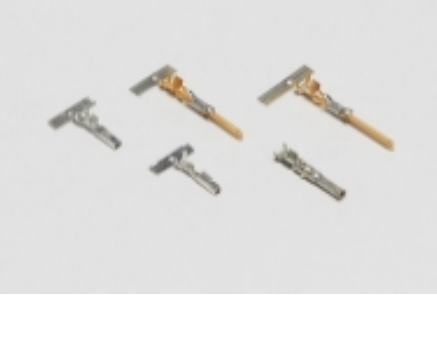
Connector Contacts(27)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(371)



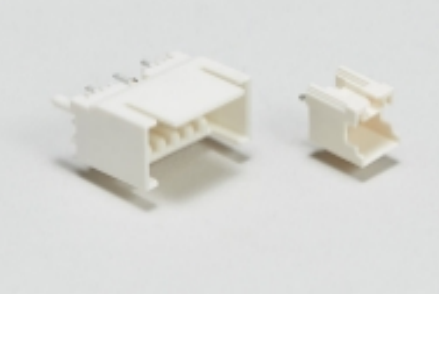
Power Contacts(27)



Rectangular Connector Housings(98)



Rectangular Power Connectors(469)



Wire-to-Board Headers & Receptacles (371)

Customers Also Bought



TE Part #1-794609-0
PIN CONT 26-30 TIN PLATE STRIP



TE Part #NB-PTCO-165
Pt1000, 2.0x2.3, Class T, PTFC102T1A0



TE Part #NB-PTCO-162
Pt100, 2.0x2.3, Class T, PTFC101T1A0



TE Part #91391-1
SDE PEW 12MICRO MNL HAND TOOL



TE Part #T4012008041-000
M8,SCREW, FEMALE,R/A,UNSHIELD, 4P,GOLD



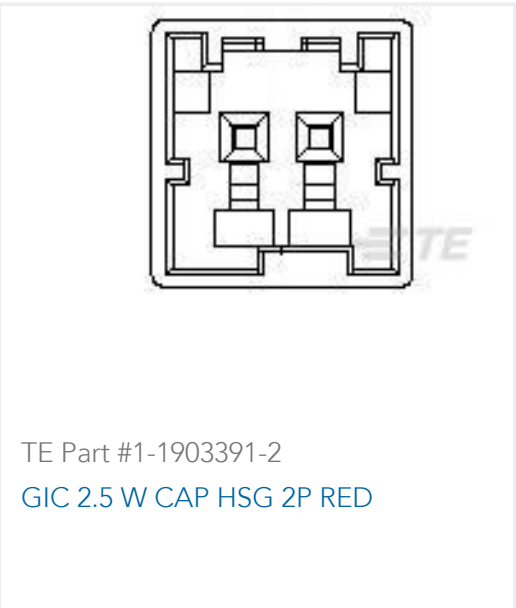
TE Part #1-2176326-4
CRGP 0603 120R 1%



TE Part #1-2176507-6
CJP 200W 10R 5% Lead



TE Part #86-015G-C
15 PSIG MV PRESSURE SENSOR



Documents

Product Drawings

[6P MICRO MNL PLUG HSG FREE HNG DBL RW V0](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-794616-6_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-794616-6_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-794616-6_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[MICRO MATE-N-LOK CONNECTOR SYSTEM](#)

English

Product Specifications

[Engineering Report](#)

English

Agency Approvals

[UL Report](#)

English