



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	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Cable Exit Angle	180°
Primary Product Color	Natural



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
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	13000
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 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 # 2315785-2
2P MICRO MNL PLUG HSG FREE
HNG SGL RW V0



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



TE Part # 2315744-2
2P, MICRO MNL, RCPT HSG, DUAL
ROW, V0 GW



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 # 3-794616-6
6P MICRO MNL PLUG HSG FREE
HNG DBL RW V0



TE Part # 3-794617-6
6P, MICRO MNL RCPT HSG, DBL
ROW, GW V0




TE Part # 2315785-3
3P MICRO MNL PLUG HSG FREE
HNG SGL RW V0



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


Also in the Series | Micro MATE-N-LOK




Connector Contacts(27)



PCB Headers & Receptacles(371)




Power Contacts(27)



Rectangular Connector Housings(98)



Rectangular Power Connectors(469)



Standard Rectangular Connectors(98)



Wire-to-Board Headers & Receptacles
(371)

Customers Also Bought




TE Part #NB19194001
RNF-100-1/8-BU-SP



TE Part #2199230-1
M.2 0.5PITCH 4.2H KEY B GOLDFLASH



TE Part #34105-3
SOLIS,RING,22-16,6,UNPLTD



TE Part #520463-1
6 SDL RND SHIELD,BTTM,BULK PKG

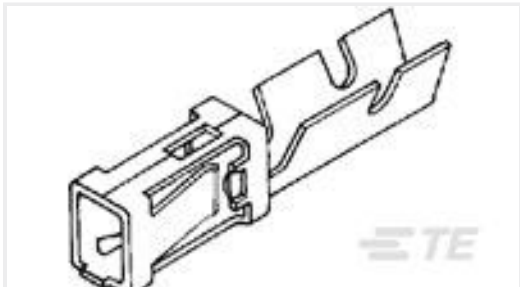




TE Part #2-1437657-8
8PCR-03-006=#8 TRIBARRIER



TE Part #85923-4
04 MODI HDR SRST .156CL



TE Part #102099-2
MOD I RECP PLTD 30 SEL



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



TE Part #487941-4
FFC SPLICE,.050" C-LINE,PLATED



TE Part #1630880-4
FSQ5 R47 5%

Documents

Product Drawings

8P MICRO MNL PLUG FREE HNG DBL RW HSG V0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-794616-8_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-794616-8_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-794616-8_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

MICRO MATE-N-LOK CONNECTOR SYSTEM

English

Product Specifications

Engineering Report

English

Agency Approvals

UL Report

3-794616-8

Housing, Plug, Crimp, Wire-to-Wire, UL 94V-0, 8 Position, 3 mm [.118 in] Centerline, Micro MATE-N-LOK, Rectangular Wire & Cable Connectors & Housings



English

[UL Report](#)

English