3-794616-8 ACTIVE

MATE-N-LOK | Micro MATE-N-LOK

TE Internal #: 3-794616-8

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

MATE-N-LOK

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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: 8

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

Features

Product Type 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	8
Number of Rows	2
Electrical Characteristics	
Operating Voltage	250 VDC
Contact Features	
Contact Layout	Matrix
Contact Current Rating (Max)	5 A

Without

Contact Retention Within Housing



Contact Type	Pin
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	3 mm[.118 in]
Housing Color	Natural
Housing Material	Nylon 66
Cable Exit Angle	Straight
Dimensions	
Wire Size	.051 – .517 mm²
Row-to-Row Spacing	3 mm[.118 in]
Length	16.89 mm
Usage Conditions	
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Identification Marking	
Circuit Identification Feature	With
Industry Standards	
Glow Wire Material Rating	Material with GWFI 850°C, Material with GWIT ≥ 775°C
UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)
UL Rating	Recognized
Agency/Standard Number	E28476, VDE_40005280
VDE Tested	Yes
Agency/Standard	CNR, USR
Packaging Features	



Packaging Method	Box
Packaging Quantity	13000

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 2022 (224) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed
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





ROW, V0 GW









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



TE Part # 2315759-2 2P MICRO MNL PLUG HSG FREE HNG DBL RW V0



TE Part # 2315759-4 4P MICRO MNL PLUG HSG FREE HNG DBL RW V0



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



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



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



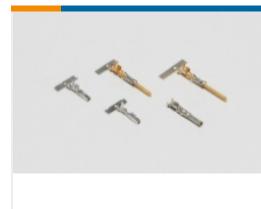
TE Part # 3-794616-6 6P MICRO MNL PLUG HSG FREE HNG DBL RW V0



Also in the Series | Micro MATE-N-LOK



Insertion & Extraction Tools(1)



Power Contacts(26)



Rectangular Power Connectors(712)

Documents

Product Drawings

8P MICRO MNL PLUG FREE HNG DBL RW HSG VO

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

Application Specification

English

Agency Approvals

UL Report

English