3-794615-0 ✔ ACTIVE

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

TE Internal #: 3-794615-0

Rectangular Power Connectors, Housing, Plug, Wire-to-Panel / Wire-to-Wire, 10 Position, 3 mm [.118 in] Centerline, Wire & Cable, Micro MATE-N-LOK

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Panel, Wire-to-Wire**

Number of Positions: **10**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	10
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Cable Exit Angle	180°

Contact Features

3-794615-0

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

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Locking Latch
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	3 mm[.118 in]
Housing Color	Natural
Housing Material	Nylon 66

Dimensions

Panel Thickness (Recommended)	1.57 – 2.3 mm[.062 – .091 in]
Product Length	16.89 mm
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

Identification Marking

Circuit Identification Feature	With

Industry Standards

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

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Packaging Features

Packaging Quantity	10500
Packaging Method	Box

Product Compliance
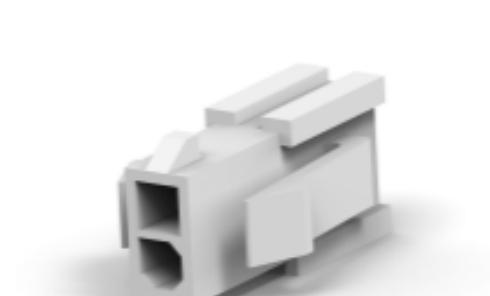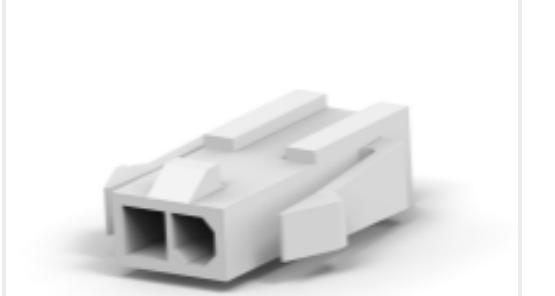
For compliance documentation, visit the product page on TE.com>

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

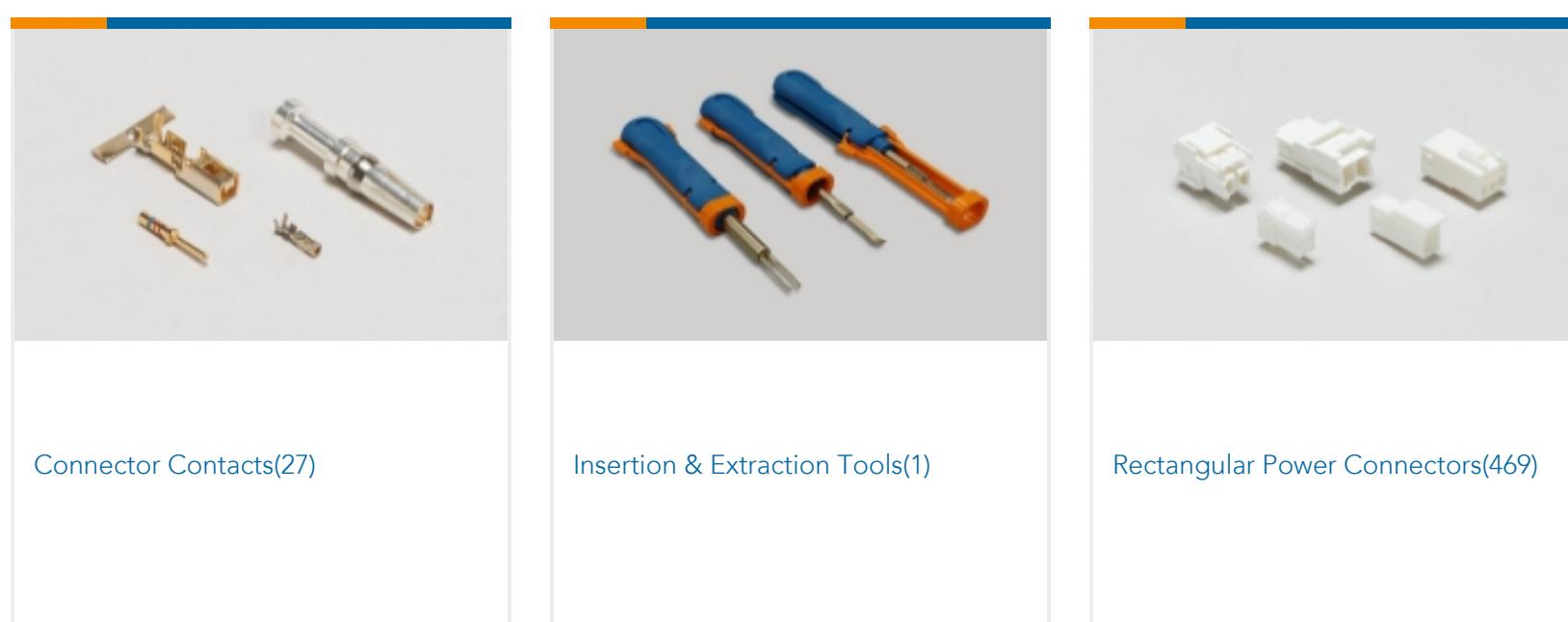Product Compliance Disclaimer

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
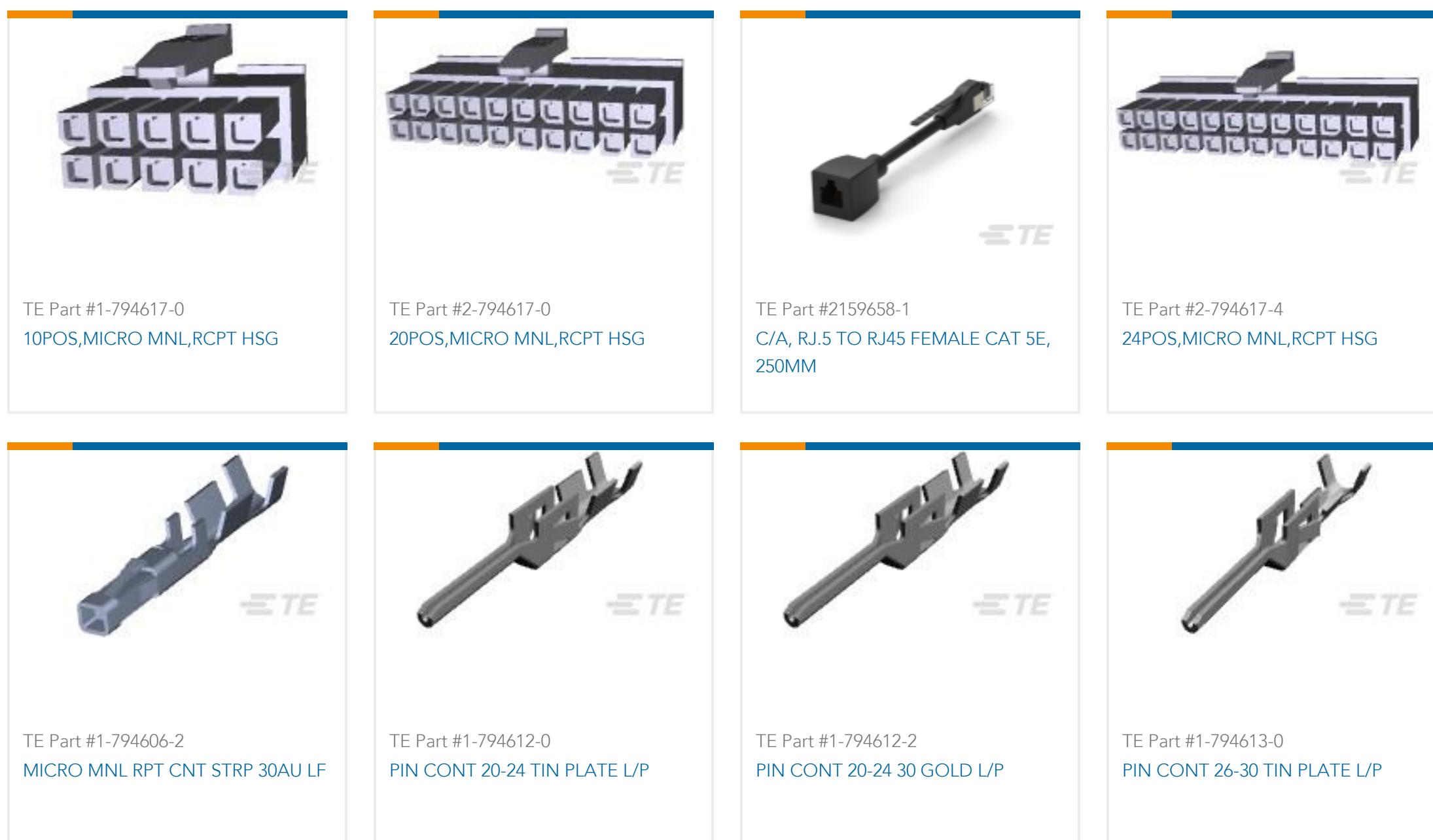
Compatible Parts

TE Part # 2315758-2
2P MICRO MNL PLUG HSG PNL MT DBL RW V0 G

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

TE Part # 2315786-2
2P MICRO MNL PLUG HSG PNL MT SGL RW V0 G

TE Part # 2315786-3
3P MICRO MNL PLUG HSG PNL MT SGL RW V0 G

3-794615-0

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TE Part # 2315786-4
4P MICRO MNL PLUG HSG PNL MT SGL RW V0 G

TE Part # 3-794615-6
6P 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 # 3-794616-6
6P MICRO MNL PLUG HSG FREE HNG DBL RW V0

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

TE Part # 3-794617-0
10P, MICRO MNL RCPT HSG, DBL ROW, GW V0

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

Also in the Series | Micro MATE-N-LOK

Connector Contacts(27)

Insertion & Extraction Tools(1)

Rectangular Power Connectors(469)

Customers Also Bought

TE Part #1-794617-0
10POS,MICRO MNL,RCPT HSG

TE Part #2-794617-0
20POS,MICRO MNL,RCPT HSG

TE Part #2159658-1
C/A, RJ.5 TO RJ45 FEMALE CAT 5E, 250MM

TE Part #2-794617-4
24POS,MICRO MNL,RCPT HSG

TE Part #1-794606-2
MICRO MNL RPT CNT STRP 30AU LF

TE Part #1-794612-0
PIN CONT 20-24 TIN PLATE L/P

TE Part #1-794612-2
PIN CONT 20-24 30 GOLD L/P

TE Part #1-794613-0
PIN CONT 26-30 TIN PLATE L/P

3-794615-0

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TE Part #3160683002
55A0121-22-0/9

TE Part #3-794617-0
10P, MICRO MNL RCPT HSG, DBL ROW, GW V0

Documents

Product Drawings

10P MICRO MNL PLUG HSG PNL MT DBL RW V0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-794615-0_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-794615-0_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-794615-0_D.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