794048-1 ✔ ACTIVE

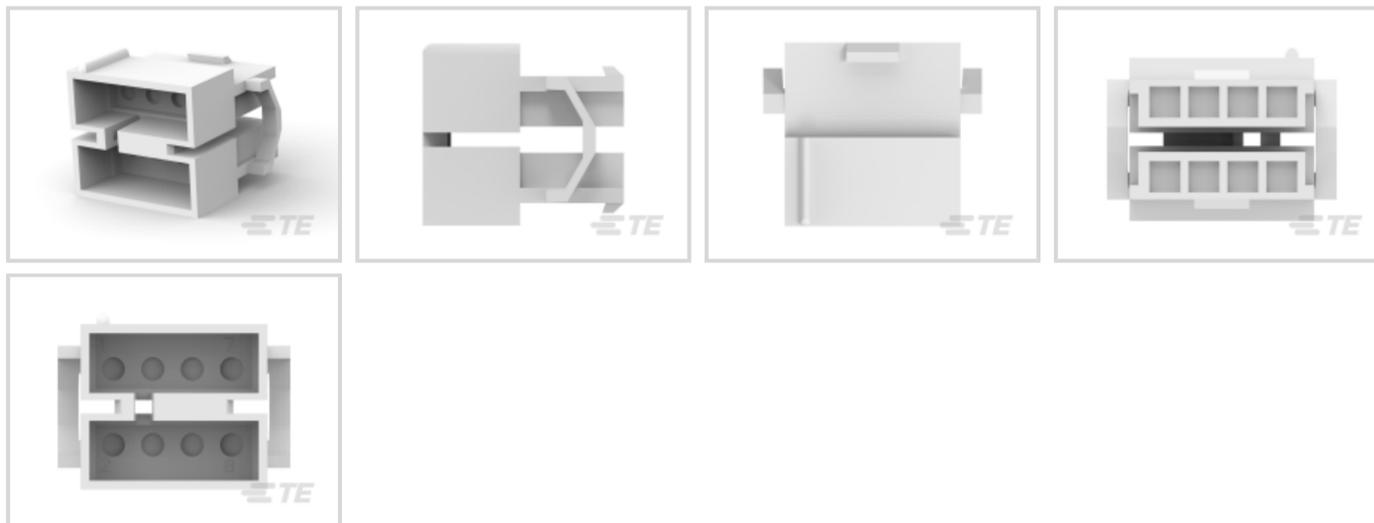## MATE-N-LOK | Commercial Pin and Socket Connectors

TE Internal #: 794048-1

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire / Wire-to-Panel, 8 Position, Commercial Pin and Socket Connectors

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **8**

Centerline (Pitch): **4.95 mm [.195 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel, 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

Contact Features

Multiple Contact Types	Without
Contact Layout	Matrix
Contact Retention Within Housing	Without

794048-1

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire / Wire-to-Panel, 8 Position, Commercial Pin and Socket Connectors

Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Mounting Brackets
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	4.95 mm[.195 in]
Housing Color	Natural
Housing Material	Nylon 6/6

Dimensions

Panel Thickness (Recommended)	25.9 - 64.51 mm[1.02 - 2.54 in]
Connector Height	23.62 mm[.93 in]
Product Width	28.45 mm[1.12 in]
Product Length	14.73 mm[.579 in]
Row-to-Row Spacing	9.14 mm[.36 in]

Usage Conditions

Operating Temperature Range	-55 - 105 °C[-67 - 221 °F]

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	Without

Industry Standards

CSA Rating	Certified
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

794048-1

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire / Wire-to-Panel, 8
Position, Commercial Pin and Socket Connectors

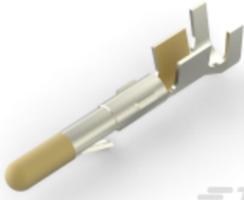| Packaging Quantity	1
Packaging Method	Package

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 applicable 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 # 60618-5
CMNL PIN AUBR L/P

TE Part # 60618-4
CMNL PIN PTPPHBZL/P

TE Part # 61174-1
CMNL PIN L/P PTBR

TE Part # 60620-1
CMNL PIN 20-14 TPBR L/P

794048-1

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire / Wire-to-Panel, 8
Position, Commercial Pin and Socket Connectors

TE Part # 60620-4
CMNL PIN 20-14 TPPHBZ L/P

TE Part # 163305-2
MATENLOK PIN SDW

TE Part # 61118-5
CMNL PIN 20-14 AUNIBR

TE Part # 61116-4
CMNL PIN 24-18 PTPHBZ

TE Part # 163555-6
MATENLOK PIN

TE Part # 61116-6
CMNL PIN 24-18 AUNIPHBZ

TE Part # 61116-5
CMNL PIN 24-18 AUNIBR

TE Part # 350558-1
MNL PIN SPECIAL .0126 PTPBR

TE Part # 61118-4
CMNL PIN 20-14 TPPHBZ

TE Part # 925075-7
4W CIRCULAR MATE-N-LOK PIN HSG
NAT

TE Part # 350079-1
MNL PIN 30-22 PTPBR

TE Part # 163301-6
MATENLOK PIN

TE Part # 163301-8
MATENLOK PIN

TE Part # 61116-1
CMNL PIN 24-18 PTBR

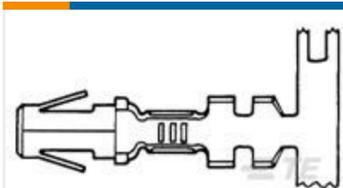TE Part # 61527-2
CMNL GROUDING PIN 22-18 PTPBR

TE Part # 163303-6
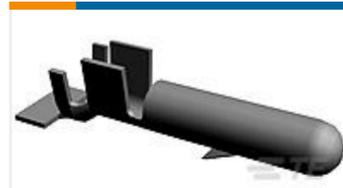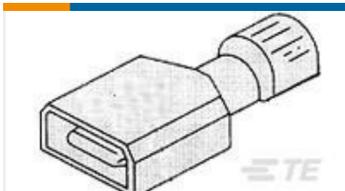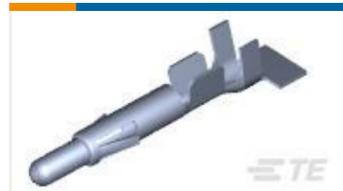MATE-N-LOK PIN

Also in the Series | Commercial Pin and Socket Connectors

Connector Contacts(41)

Insertion & Extraction Tools(3)

Rectangular Connector Housings(10)

Rectangular Power Connectors(84)

794048-1

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire / Wire-to-Panel, 8 Position, Commercial Pin and Socket Connectors

Standard Rectangular Connectors(1)

Customers Also Bought

TE Part # 1-480710-9
15P UMNL PLUG HSG BLK

TE Part # 350200-1
.140 DIA SOK 14-10 PTPBR

TE Part # 4-520447-2
ULTRA-FAST 250 ASY REC 12-10 AWG TPBR

TE Part # 61234-1
.156 MNL PIN 12-10 PTPBR

TE Part # 2-520102-2
ULTRA-FAST 250 ASSEMBLY TAB 22-18 AWG BR

TE Part # 63012-2
250 FASTON FLAG REC 18-14 AWG TPBR

TE Part # 63896-1
250 FASTON REC 16-12 AWG BR

TE Part # 350218-1
UMNL PIN 20-14 .0126PTPBR

TE Part # 1633926-7
ANVIL, COMBINATION

Documents

Product Drawings
08P CMNL CAP HSG D/L

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_794048-1_C.2d_dxf.zip

794048-1

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire / Wire-to-Panel, 8
Position, Commercial Pin and Socket Connectors

English

Customer View Model

ENG_CVM_CVM_794048-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794048-1_C.3d_stp.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

Agency Approval Document

English

Agency Approval Document

English