794048-1 ✔ ACTIVE

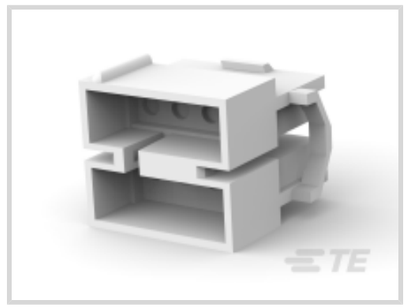
MATE-N-LOK | Commercial Pin and Socket Connectors

TE Internal #: 794048-1

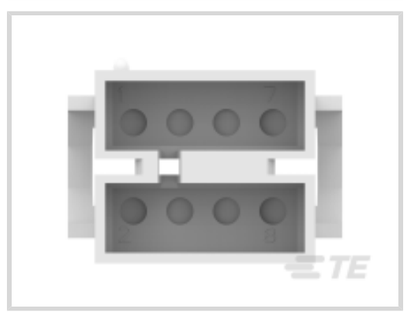
8 Position, Cap, Housing, Crimp, Wire-to-Panel / Wire-to-Wire, UL 94V-2, 4.95 mm [.195 in] Centerline, 2 Row, Commercial Pin and Socket Connectors

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Cap**

Termination Method to Wire & Cable: **Crimp**

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

Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Cap
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

Body Features

Primary Product Color	Natural

Contact Features

Multiple Contact Types	Without
Contact Layout	Matrix
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	Mounting Brackets
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Panel Thickness (Recommended)	25.9 – 64.51 mm[1.02 – 2.54 in]
Connector Width	28.45 mm[1.12 in]
Connector Height	23.62 mm[.93 in]
Connector 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

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

Packaging Features

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 163555-6
MATENLOK PIN



TE Part # 163558-4
PIN M-N-L



TE Part # 163307-2
MATENLOK PIN



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



TE Part # 163558-2
PIN M-N-L



TE Part # 60618-4
CMNL PIN PTPPHBZL/P



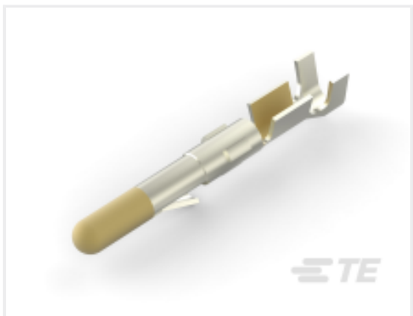
TE Part # 60620-1
CMNL PIN 20-14 TPBR L/P



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



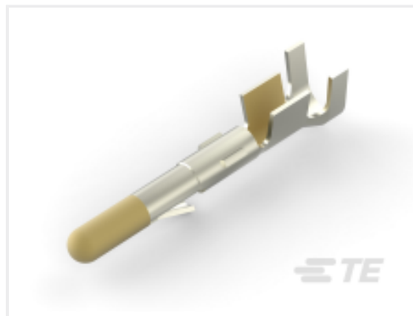
TE Part # 61118-4
CMNL PIN 20-14 TPPHBZ



TE Part # 60620-5
CMNL PIN 20-14 AUBR L/P



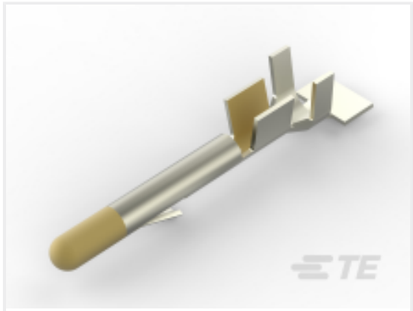
TE Part # 61527-2
CMNL GROUDING PIN 22-18 PTPBR



TE Part # 60618-5
CMNL PIN AUBR L/P



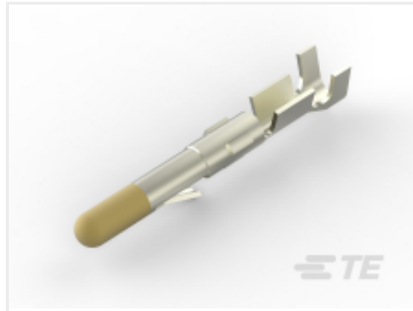
TE Part # 61174-1
CMNL PIN L/P PTBR



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



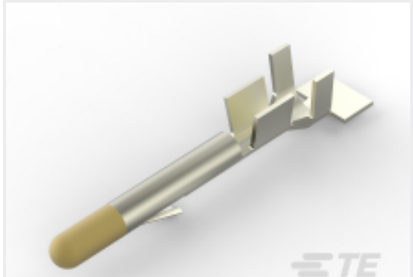
TE Part # 61116-4
CMNL PIN 24-18 PTPHBZ



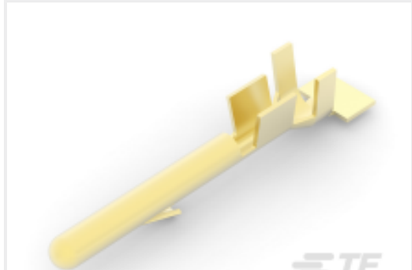
TE Part # 61116-7
CMNL PIN 24-18 AUNIBR



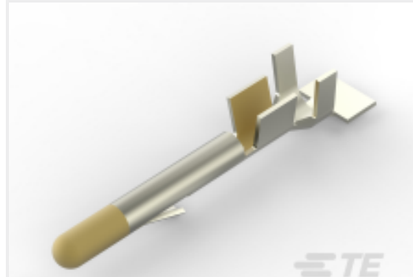
TE Part # 163305-4
PIN MATE-N-LOK



TE Part # 61118-7
CMNL PIN 20-14 AUNIBR



TE Part # 61118-2
CMNL PIN 20-14 BR



TE Part # 61118-6
CMNL PIN 20-14 AUNIPHBZ

Also in the Series | Commercial Pin and Socket Connectors



Connector Contacts(41)



Insertion & Extraction Tools(3)



Power Contacts(39)



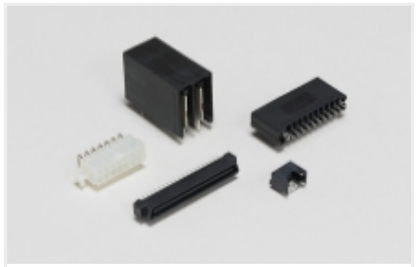
Rectangular Connector Housings(94)



Rectangular Power Connectors(94)

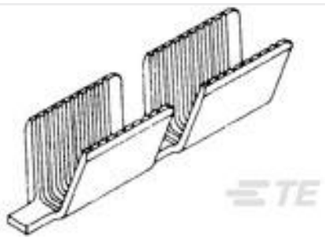


Standard Circular Connectors(1)

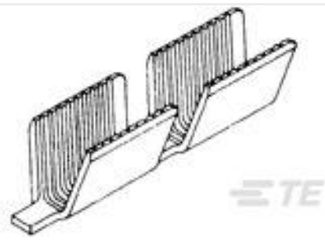


Standard Rectangular Connectors(94)

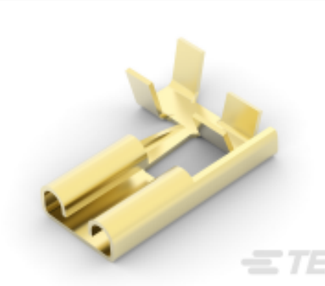
Customers Also Bought



TE Part #62306-2
AMVAR SPLC 1500-5000 020TPBR



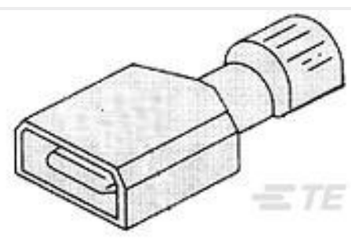
TE Part #62309-2
AMVAR SPLC 5000-10000 025TPBR



TE Part #4-280050-1
250 FASTON,FLAG,REC.,16-20 AWG, BR



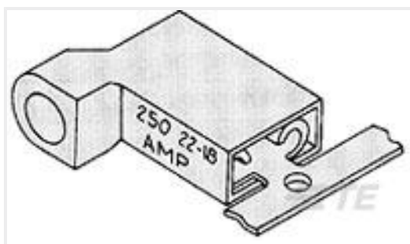
TE Part #350218-1
UMNL PIN 20-14 .0126PTPBR



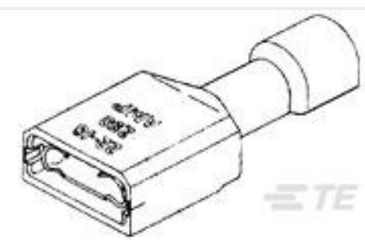
TE Part #2-520102-2
ULTRA-FAST 250 ASSEMBLY TAB 22-18 AWG BR



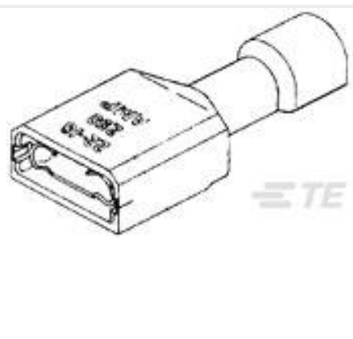
TE Part #2-520128-2
ULTRA-FAST 250 ASY REC 22-18 AWG TPBR



TE Part #3-520132-2
ULTRAFAST 250 ASSY FLAG REC 16-14 TPBR



TE Part #3-520140-4
ULTRA-FAST 250 ASY REC 16-14 AWG TPBR



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



TE Part #626037-1
RING TONGUE TERMINAL 4.0-6.0 MM2 BR

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

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

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Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English

Agency Approval Document

English