



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: **6**

Centerline (Pitch): **5.1 mm [.202 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 | 6 |
| Number of Rows | 2 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Contact Features

| | |
|----------------------------------|---------|
| Contact Retention Within Housing | Without |
| Contact Type | Socket |



Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|--------------------------|-------------|
| Panel Mount Feature | With |
| Panel Mount Feature Type | Locking Leg |
| Connector Mounting Type | Panel Mount |

Housing Features

| | |
|--------------------|------------------|
| Centerline (Pitch) | 5.1 mm [.202 in] |
| Housing Color | Natural |
| Housing Material | Nylon |

Dimensions

| | |
|--------------------|--------------------------------|
| Row-to-Row Spacing | 6.09 mm [.24 in] |
| Panel Thickness | .64 – 1.65 mm [.025 – .065 in] |

Usage Conditions

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

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Identification Marking

| | |
|--------------------------------|------|
| Circuit Identification Feature | With |
|--------------------------------|------|

Industry Standards

| | |
|------------------------|-------------------------------|
| UL Flammability Rating | UL 94V-2 |
| Glow Wire Rating | Standard Part - Not Glow Wire |
| UL Rating | Certified, Recognized |
| Agency/Standard Number | E28476 |
| CSA File Number | LR16455 |
| VDE Tested | No |
| Agency/Standard | CSA, UL |

Packaging Features

| | |
|--------------------|---------|
| Packaging Method | Package |
| Packaging Quantity | 1 |

Other



| | |
|--------------|-------------------|
| For Use With | Pin (Cap) Housing |
|--------------|-------------------|

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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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

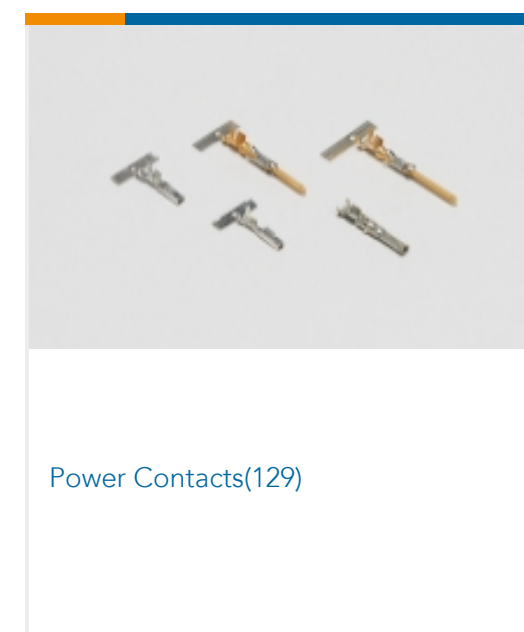
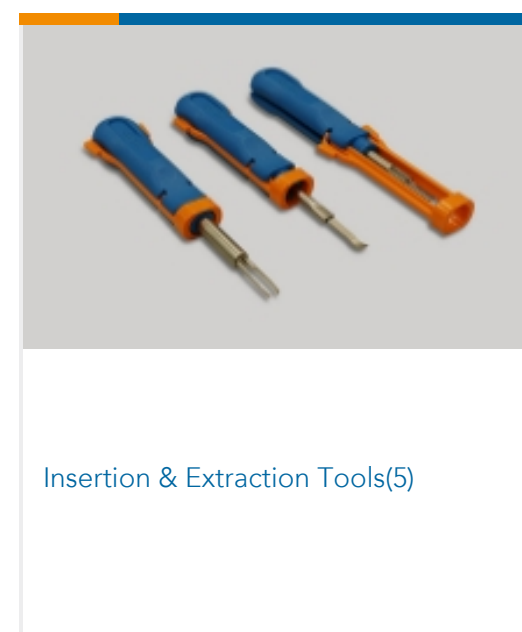
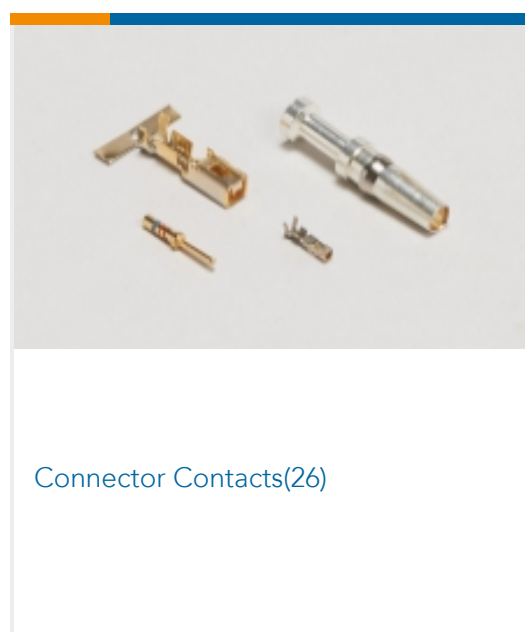
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

| | | | |
|--|---|--|---|
|  <p>TE Part # 60619-5 CMNL SOK AUBR L/P</p> |  <p>TE Part # 60617-5 CMNL SOK AUBR L/P</p> |  <p>TE Part # 60618-5 CMNL PIN AUBR L/P</p> |  <p>TE Part # 1-480276-0 06P CMNL CAP HSG P/M NATL</p> |
|--|---|--|---|



Also in the Series | Commercial MATE-N-LOK

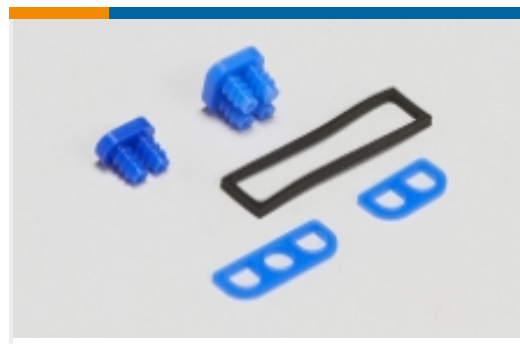




Rectangular Caps & Covers(2)



Rectangular Connector Housings(17)



Rectangular Connector Seals(1)



Rectangular Power Connectors(170)



Standard Circular Connectors(4)



Standard Rectangular Connectors(10)



Wire-to-Board Connector Contacts(1)

Customers Also Bought



TE Part #60619-1
CMNL SOK PTPBR L/P



TE Part #1-480319-0
02P CMNL CAP HSG NATL



TE Part #1-480318-0
02P CMNL PLUG HSG F/H NATL



TE Part #61117-1
CMNL SOK 20-14 TPBR



TE Part #7-1616941-3
K400B3C05=CONTACTOR SPST DB
400 AMP 28 V



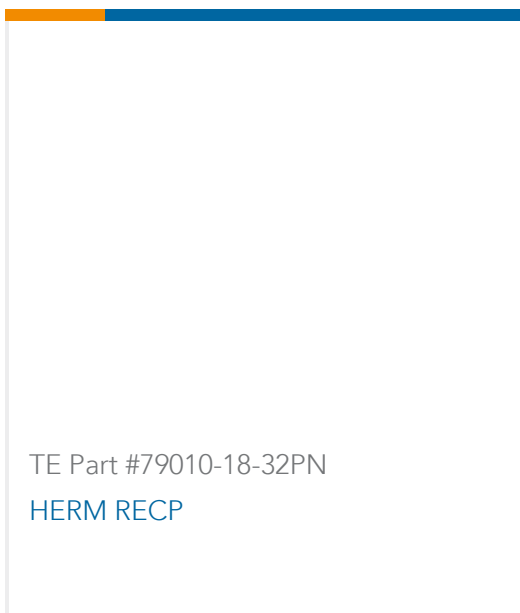
TE Part #1-480275-0
12P CMNL PLUG HSG P/M NATL



TE Part #1-102917-1
MOD IV RECP PLTD 50 SEL



TE Part #6-203736-0
34 UNASSM KIT,M SERIES



TE Part #79010-18-32PN
HERM RECP

Documents



Product Drawings

06P CMNL PLUG HSG P/M NATL

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_1-480273-0_AJ.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1-480273-0_AJ.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-480273-0_AJ.3d_stp.zip](#)

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3D PDF

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Customer View Model

[ENG_CVM_CVM_1-480273-0_BG.2d_dxf.zip](#)

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Customer View Model

[ENG_CVM_CVM_1-480273-0_BG.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-480273-0_BG.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_1-480273-0_060620181310_dmtec

English

MD_1-480273-0_060620181310_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English



[Instruction Sheet \(U.S.\)](#)

English

[Agency Approvals](#)

[Agency Approval Document](#)

English