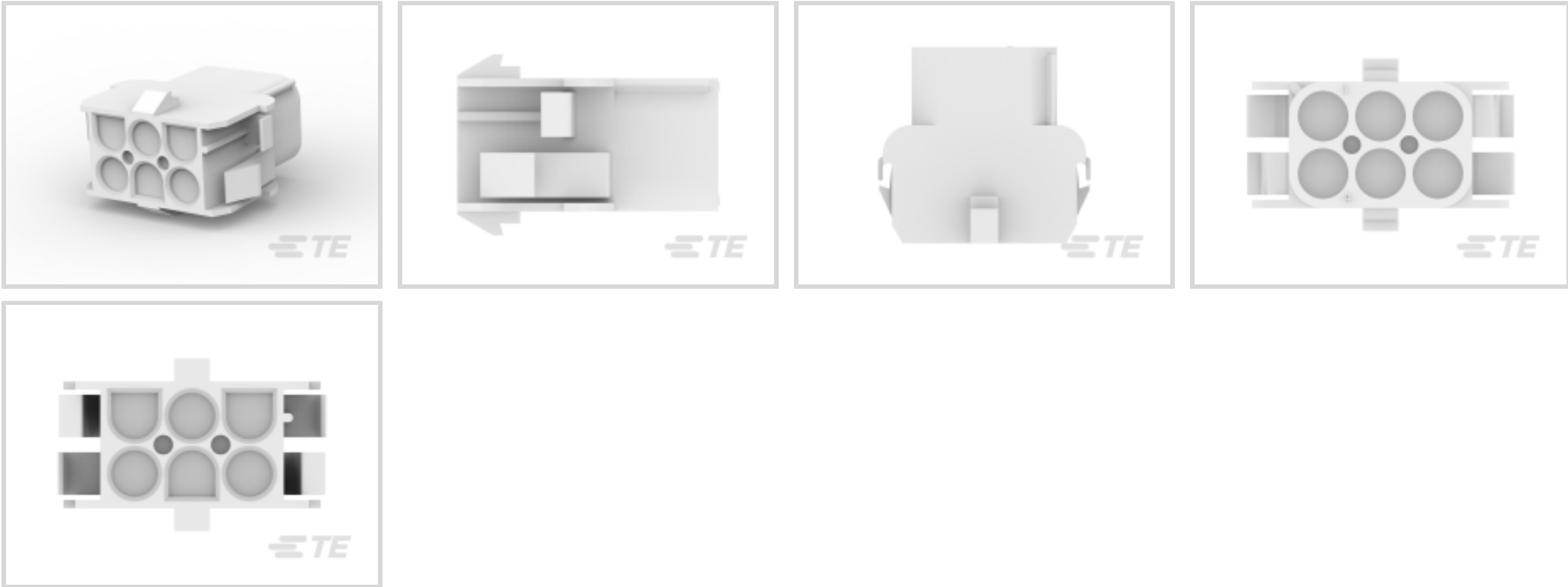




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **6**

Centerline (Pitch): **6.35 mm [.25 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 | 6 |
| Number of Rows      | 2 |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

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 | Patch & Tabs |
| Connector Mounting Type  | Panel Mount  |

Housing Features

|                    |                  |
|--------------------|------------------|
| Centerline (Pitch) | 6.35 mm [.25 in] |
| Housing Color      | Natural          |
| Housing Material   | Nylon            |

Dimensions

|                               |                              |
|-------------------------------|------------------------------|
| Panel Thickness (Recommended) | .76 - 2.29 mm [.03 - .09 in] |
| Row-to-Row Spacing            | 6.35 mm [.25 in]             |

Usage Conditions

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

Operation/Application

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

Industry Standards

|                                             |                               |
|---------------------------------------------|-------------------------------|
| CSA Rating                                  | Certified, LR 7189            |
| UL Rating                                   | Recognized                    |
| Compatible With Agency/Standards Products   | CSA, UL, VDE                  |
| Compatible With Approved Standards Products | UL E28476                     |
| UL Flammability Rating                      | UL 94V-0                      |
| 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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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

|                                                      |                                                      |                                                   |                                                    |
|------------------------------------------------------|------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|
| <br>TE Part # 640309-6<br>UMNL PIN 12-10 AU/PHBZ     | <br>TE Part # 350551-6<br>UMNL SOK 20-14 AU/PHBZ L/P | <br>TE Part # 926902-3<br>UNIV-MNL SPLIT ST       | <br>TE Part # 350550-7<br>UMNL SOK 20-14 AU/BR L/P |
| <br>TE Part # 350690-3<br>UMNL PIN 24-18 PTPPHBZ L/P | <br>TE Part # 350689-7<br>UMNL SOK 24-18 AUBR L/P    | <br>TE Part # 350547-7<br>UMNL PIN 20-14 AUBR L/P | <br>TE Part # 350689-2<br>UMNL SOK 24-18 AUBR L/P  |



TE Part # 640310-3  
UMNL SOK 12-10 PTPPHBZ



TE Part # 1644055-1  
UNIV MATE-N-LOK HOUSING 6W



TE Part # 350689-3  
UMNL SOK 24-18 PTPPHBZ L/P



TE Part # 350690-7  
UMNL PIN 24-18 AUBR L/P



TE Part # 350689-1  
UMNL SOK 24-18 PTPBR L/P



TE Part # 926893-3  
UNIV.M-N-L.SOCKET



TE Part # 350550-6  
UMNL SOK 20-14 AU/PHBZ L/P



TE Part # 350705-7  
UMNL SPLIT PIN 20-14 AUBR L/P



TE Part # 350547-3  
UMNL PIN 20-14 PTPPHBZ L/P



TE Part # 350551-7  
UMNL SOK 20-14 AU/BR L/P



TE Part # 350547-2  
UMNL PIN 20-14 AUBR L/P



TE Part # 350550-2  
UMNL SOK 20-14 AU/BR L/P

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



Connector Contacts(209)



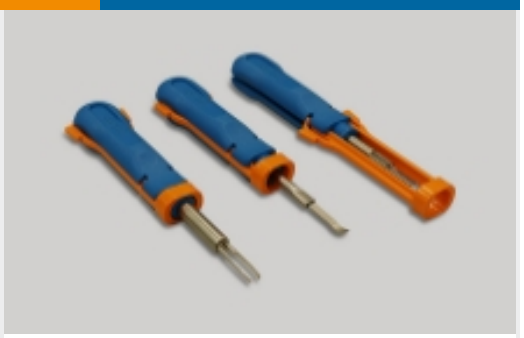
Connector Hardware(12)



Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



Rectangular Connector Housings(1)



Rectangular Power Connectors(671)



Standard Circular Connectors(1)

Customers Also Bought



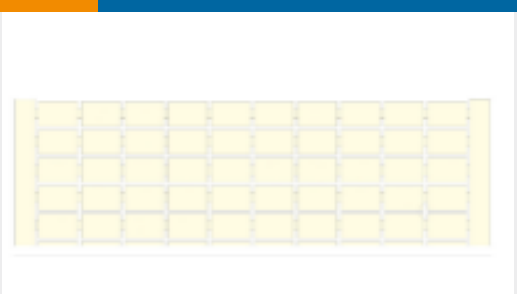
TE Part # 350767-1  
03P UMNL CAP HSG V0



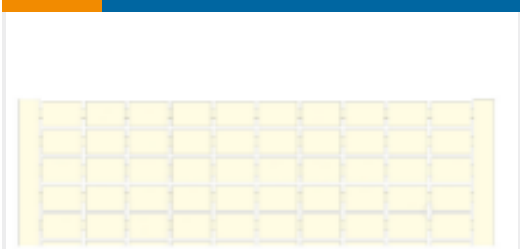
TE Part # 350780-1  
04P UMNL CAP HSG



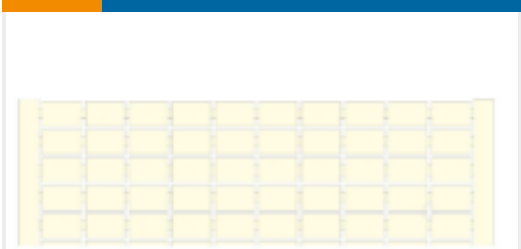
TE Part # 350778-1  
02P UMNL CAP HSG



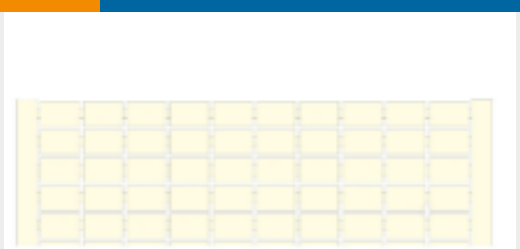
TE Part # 1SNA233241R0200  
RC610 1 (X100) VERTICAL



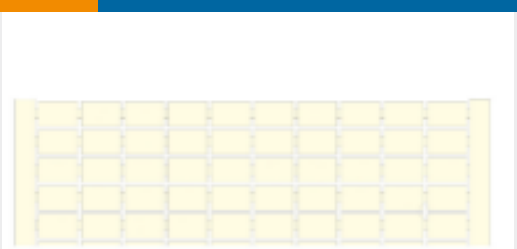
TE Part # 1SNA233242R0300  
RC610 2 (X100) VERTICAL



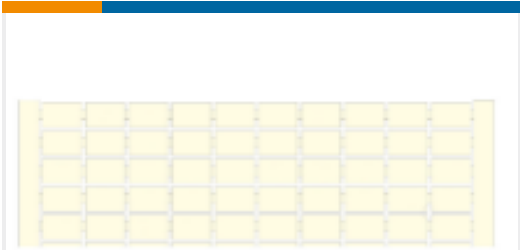
TE Part # 1SNA233243R0400  
RC610 3 (X100) VERTICAL



TE Part # 1SNA233244R0500  
RC610 4 (X100) VERTICAL



TE Part # 1SNA233246R0700  
RC610 6 (X100) / 9 (X100) VERTICAL



TE Part # 1SNA233250R1700  
RC610 10 (X100) VERTICAL



TE Part # 40-A760-000-000  
723 HTEC INSULATION INSERT, 5+2-PIN

Documents

Product Drawings  
06P UMNL CAP HSG

English

CAD Files  
3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_350781-1\_AW.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_350781-1\\_AW.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_350781-1\\_AW.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

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

English

Agency Approvals

[VDE Certificate](#)

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