

794096-1 ✓ ACTIVE

MATE-N-LOK | Universal MATE-N-LOK

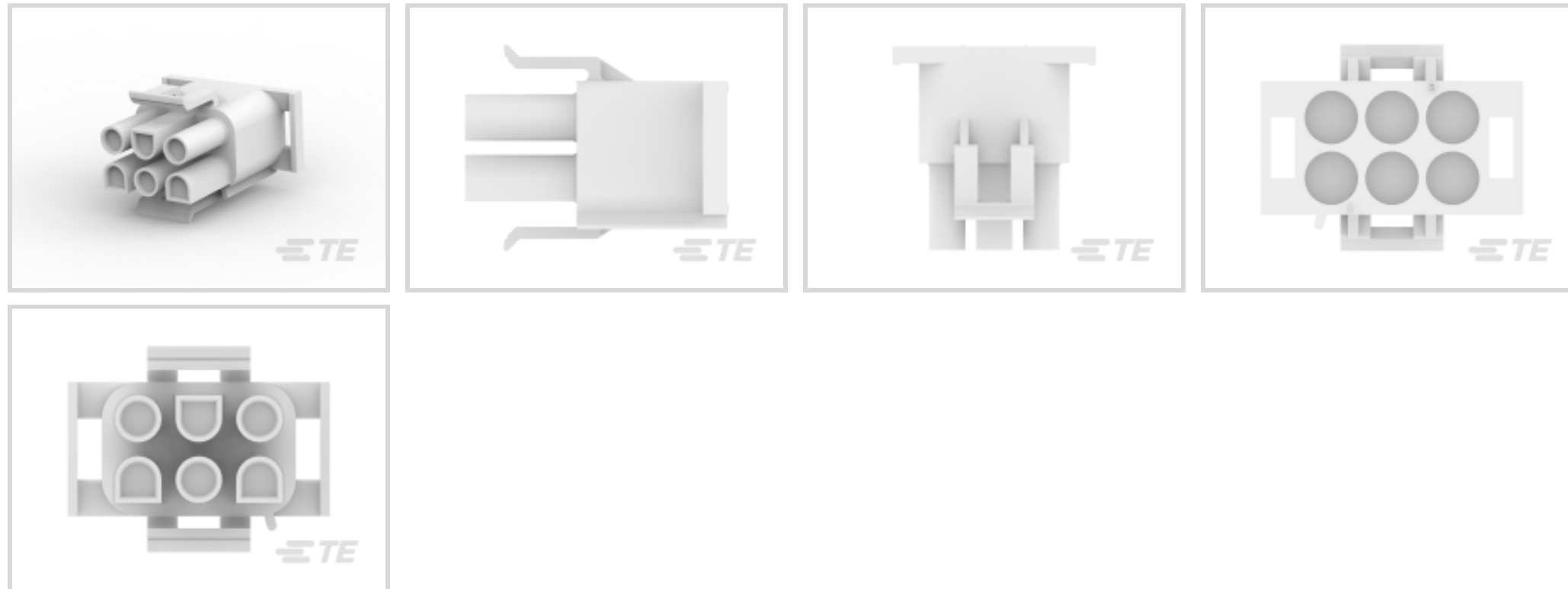
TE Internal #: 794096-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Board /
Wire-to-Wire, 6 Position, 6.35 mm [.25 in] Centerline, Wire & Cable,
Universal MATE-N-LOK

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board, 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 | Plug |
| Connector System | Wire-to-Board, 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

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



| | |
|--------------|--------|
| Contact Type | Socket |
|--------------|--------|

Termination Features

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

Mechanical Attachment

| | |
|---------------------|---------|
| Panel Mount Feature | Without |
|---------------------|---------|

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

| | |
|--------------------|------------------|
| Centerline (Pitch) | 6.35 mm [.25 in] |
|--------------------|------------------|

| | |
|---------------|---------|
| Housing Color | Natural |
|---------------|---------|

| | |
|------------------|-------|
| Housing Material | Nylon |
|------------------|-------|

Dimensions

| | |
|--------------------|------------------|
| Row-to-Row Spacing | 6.35 mm [.25 in] |
|--------------------|------------------|

| | |
|--|---------|
| | 1.08 in |
|--|---------|

Usage Conditions

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

Operation/Application

| | |
|------------------------------|---------|
| Assembly Integration Feature | Without |
|------------------------------|---------|

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

Industry Standards

| | |
|------------|-----------|
| CSA Rating | Certified |
|------------|-----------|

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

| | |
|------------------|-------------------------------|
| Glow Wire Rating | Standard Part - Not Glow Wire |
|------------------|-------------------------------|

| | |
|------------------------|--------|
| Agency/Standard Number | E28476 |
|------------------------|--------|

| | |
|-----------------|---------|
| Agency/Standard | CSA, UL |
|-----------------|---------|

| | |
|-----------|------------|
| UL Rating | Recognized |
|-----------|------------|

| | |
|-----------------|--------|
| CSA File Number | LR7189 |
|-----------------|--------|

| | |
|------------|-----|
| VDE Tested | Yes |
|------------|-----|

Packaging Features

| | |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

| | |
|--------------------|---|
| Packaging Quantity | 1 |
|--------------------|---|

Other



| | |
|--------------|--|
| For Use With | Appropriate Universal MATE-N-LOK Cap or Header |
|--------------|--|

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 # 350431-4 06P UMNL PINHDR ASSY V2 NAT LF</p> |  <p>TE Part # 640309-6 UMNL PIN 12-10 AU/PHBZ</p> |  <p>TE Part # 350551-6 UMNL SOK 20-14 AU/PHBZ L/P</p> |  <p>TE Part # 350690-2 UMNL PIN 24-18 AUBR L/P</p> |
|--|---|--|---|



TE Part # 350762-5
06P UMNL HDR ASSY PC LF

TE Part # 926902-3
UNIV-MNL SPLIT ST

TE Part # 350550-7
UMNL SOK 20-14 AU/BR L/P

TE Part # 350690-3
UMNL PIN 24-18 PTPPHBZ L/P

TE Part # 350689-7
UMNL SOK 24-18 AUBR L/P

TE Part # 350547-7
UMNL PIN 20-14 AUBR L/P

TE Part # 350585-1
06P UMNL PIN HDR ASSY V2 NATL

TE Part # 350689-2
UMNL SOK 24-18 AUBR L/P

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

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

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

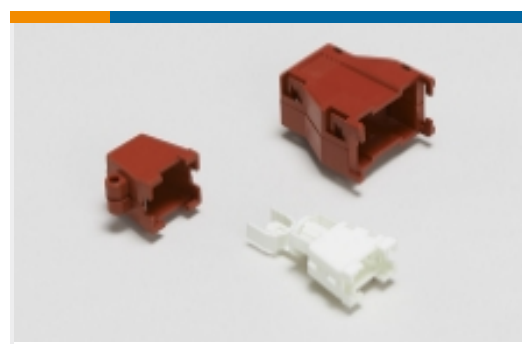
Also in the Series | **Universal MATE-N-LOK**

Circular Power Connectors(2)

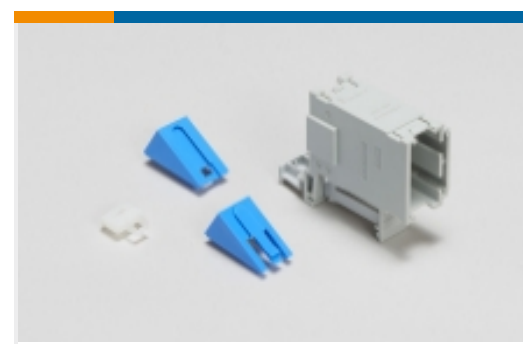
Connector Contacts(11)

Insertion & Extraction Tools(4)

Power Contacts(207)



Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



Rectangular Connector Hardware(1)



Rectangular Connector Housings(2)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(728)

Documents

Product Drawings

06P UMNL PLUG

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_794096-1_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794096-1_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794096-1_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_794096-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_794096-1_O.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_794096-1_O.2d_dxf.zip](#)

English

3D PDF



English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English