



Commercial Pin and Socket Connectors

TE Internal #: 770274-1

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire, 4 Position, 3.68 mm [.145 in] Centerline, Commercial Pin and Socket Connectors

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Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Wire**

Number of Positions: **4**

Centerline (Pitch): **3.68 mm [.145 in]**

Features

Product Type Features

| | |
|-----------------------------------|--------------|
| Rectangular Power Connector Type | Housing |
| Connector & Housing Type | Receptacle |
| Connector System | Wire-to-Wire |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|----------------------------|---|
| Number of Positions | 4 |
| Number of Signal Positions | 4 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 250 VDC |
|-------------------|---------|

Contact Features

| | |
|------------------------|---------|
| Contact Layout | Inline |
| Multiple Contact Types | Without |



| | |
|----------------------------------|---------|
| Contact Retention Within Housing | Without |
|----------------------------------|---------|

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

Termination Features

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

| | |
|-----------------|---------------|
| Wire/Cable Type | Discrete Wire |
|-----------------|---------------|

Mechanical Attachment

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

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

Housing Features

| | |
|--------------------|-------------------|
| Centerline (Pitch) | 3.68 mm [.145 in] |
|--------------------|-------------------|

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

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

Dimensions

| | |
|-----------|----------------------|
| Wire Size | 394.71 – 1776.17 CMA |
|-----------|----------------------|

| | |
|--------------------|-------------------|
| Row-to-Row Spacing | 3.68 mm [.145 in] |
|--------------------|-------------------|

| | |
|-------|--------------------|
| Width | 16.13 mm [.635 in] |
|-------|--------------------|

| | |
|--|-------------------------------|
| Accepts Wire Insulation Diameter Range | 1.27 – 2.79 mm [.05 – .11 in] |
|--|-------------------------------|

| | |
|--------|-----------------|
| Height | 5.05 mm [.2 in] |
|--------|-----------------|

| | |
|--------|--------------------|
| Length | 19.94 mm [.785 in] |
|--------|--------------------|

Usage Conditions

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

| | |
|-----------------|-------------|
| Insertion Force | 17.8 Newton |
|-----------------|-------------|

Operation/Application

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

Industry Standards

| | |
|------------------------|----------|
| 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 | No |
|------------|----|



Packaging Features

| | |
|--------------------|-----|
| Packaging Method | Box |
| Packaging Quantity | 1 |

Other

| | |
|--------------|---------------|
| For Use With | Discrete wire |
|--------------|---------------|

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 | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
| 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 # 794017-1 .062 CP&S PIN PTPBR L/P 24-18</p> |  <p>TE Part # 770334-1 04P .062 COMM P&S PLUG</p> |  <p>TE Part # 350629-5 .062 COMM P&S PIN AUNI/BR</p> |  <p>TE Part # 350628-5 .062 COMM P&S SOK AUNI/BR</p> |
|  <p>TE Part # 640391-1 .062 COMM P&S PIN 24-30 PTPBR</p> |  <p>TE Part # 350629-1 .062 COMM P&S PIN 18-24 PTPBR</p> |  <p>TE Part # 350628-2 .062 COMM P&S SOK PTPPHBZ</p> |  <p>TE Part # 640392-1 .062 COMM P&S SOK 24-30 PTPBR</p> |
|  <p>TE Part # 350629-8 .062 COMM P&S PIN PRE TIN/PHBZ</p> |  <p>TE Part # 770275-1 04P .062 COMM P&S PLUG</p> |  <p>TE Part # 794019-1 .062 CP&S SOK PTPBR L/P 30-24</p> |  <p>TE Part # 350628-1 .062 COMM P&S SOK 18-24 PTPBR</p> |
|  <p>TE Part # 770983-1 .062 COMM P&S PIN 18-24 PTPBR</p> |  <p>TE Part # 350628-6 .062 COMM P&S SOK AUNI/PHBZ</p> |  <p>TE Part # 794046-1 .062 COMM P&S SOK 24-30 PTPBR</p> |  <p>TE Part # 640392-2 .062 COMM P&S SOK 24-30PTPPHBZ</p> |
|  <p>TE Part # 794016-1 .062 CP&S SOK PTPBR L/P 24-18</p> |  <p>TE Part # 794018-1 .062 CP&S PIN PTPBR L/P 30-24</p> |  <p>TE Part # 794103-1 .062 COMM P&S LANCELESS SCKT</p> |  <p>TE Part # 350628-8 .062 CP&S SOK 18-24 PTPBR PLST</p> |

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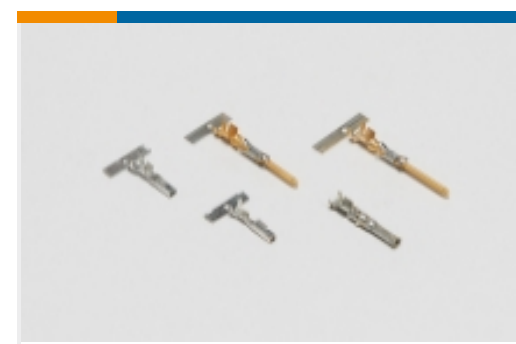
Connector Contacts(3)



Crimp Wire Pins, Tabs & Ferrules(1)



Insertion & Extraction Tools(3)



Power Contacts(40)



Rectangular Connector Housings(11)



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Standard Rectangular Connectors(4)

Documents

Product Drawings

[04P .062 COMM P&S RECPT](#)

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3D

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