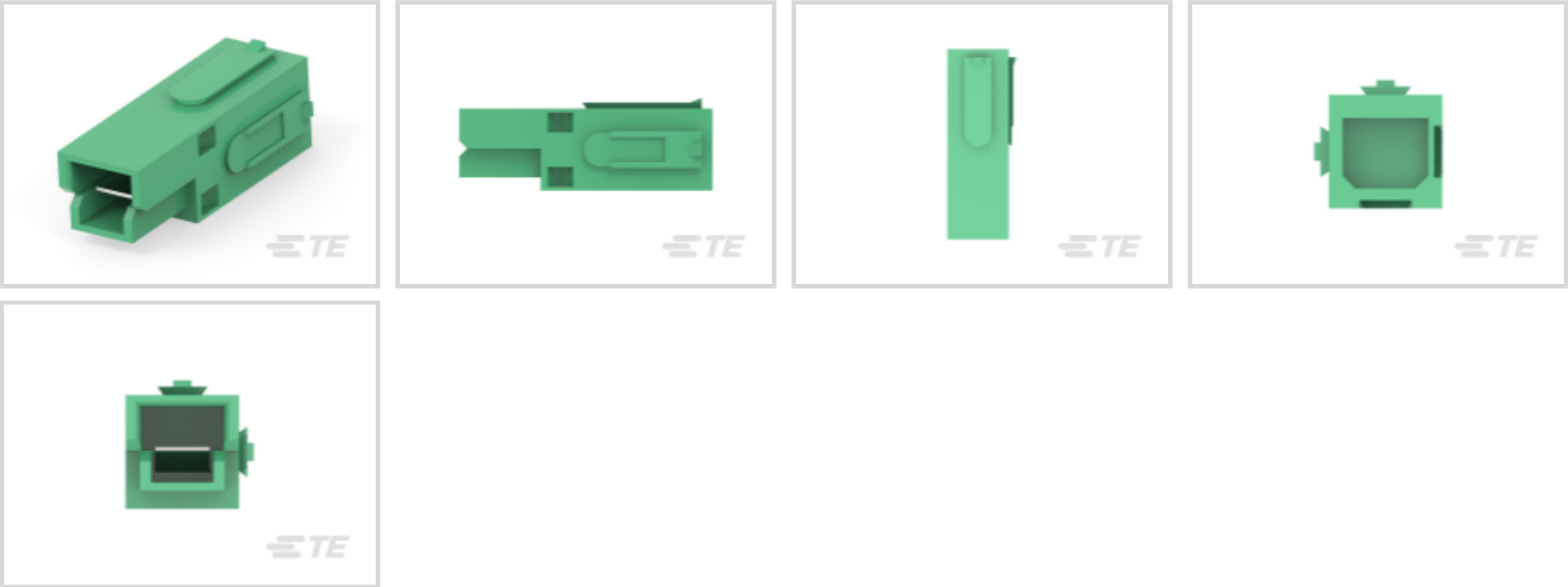




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug, Receptacle**

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

Number of Positions: **1**

Sealable: **No**

Features

Product Type Features

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

Configuration Features

| | |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
| Number of Positions | 1 |
| Number of Power Positions | 1 |
| Number of Signal Positions | 0 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|

Contact Features

| | |
|--|--|
| | |
|--|--|



| | |
|----------------------------------|-------|
| Contact Current Rating (Max) | 31 A |
| Contact Retention Within Housing | With |
| Contact Type | Blade |

Termination Features

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

Mechanical Attachment

| | |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

Housing Features

| | |
|------------------|---------------|
| Housing Color | Green |
| Housing Material | Polycarbonate |

Dimensions

| | |
|------------------|------------------------|
| Connector Height | 8.05 mm[.317 in] |
| Product Width | 8.05 mm[.317 in] |
| Product Length | 24.71 mm[.973 in] |
| Wire Size | .8 – 3 mm ² |

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 75 °C[-40 – 167 °F] |
|-----------------------------|---------------------------|

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

| | |
|------------------------|--------------------|
| CSA Rating | Certified, LR 7189 |
| UL Rating | Recognized |
| Agency/Standard | CSA, UL |
| Approved Standards | UL E28476 |
| UL Flammability Rating | UL 94V-2 |

Packaging Features

| | |
|--------------------|-------------|
| Packaging Quantity | 200 |
| Packaging Method | Loose Piece |

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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 # 53894-3
HSG ASSY,PWR LK,SRS1,1 POS,GRN

Customers Also Bought

TE Part #350433-1
12P UMNL PIN HDR ASSY NATL

TE Part #1658622-5
24 NOVO MIL/CTR 30DP,LEAD FREE

TE Part #9-1393116-0
KUMP-14D18-12=KU

TE Part #5-2176341-1
CRGCQ 0805 150K 1%



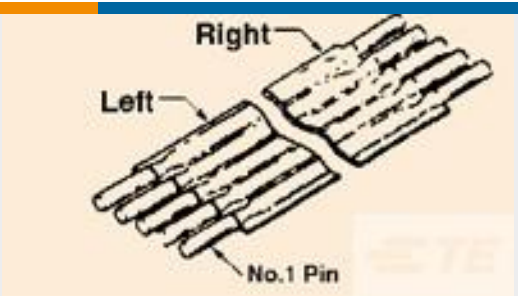
TE Part #35109
TERMINAL,PIDG R 12-10 10



TE Part #5-1437567-0
MPG106F=(MSPG) SWITCH
PUSHBUTT



TE Part #1-1546306-6
16P.374" DR BARRIER STRIP



TE Part #5-1437165-9
FSP-21A-8

Documents

Product Drawings

HSG ASSY,PWR LK,SRS1,1 POS,GRN

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_53894-3_L.3d_igs.zip

English

Customer View Model

ENG_CVM_53894-3_L.3d_stp.zip

English

Customer View Model

ENG_CVM_53894-3_L.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Application Specification

Japanese

Power-Lock 75 Series Contacts

Japanese

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English

53894-3

Rectangular Power Connectors, Housing, Plug / Receptacle, Wire-to-Wire, 1 Position,
Wire & Cable, UL 94V-2, Power, Panel Mount



[Agency Approvals](#)
[Agency Approval Document](#)
English