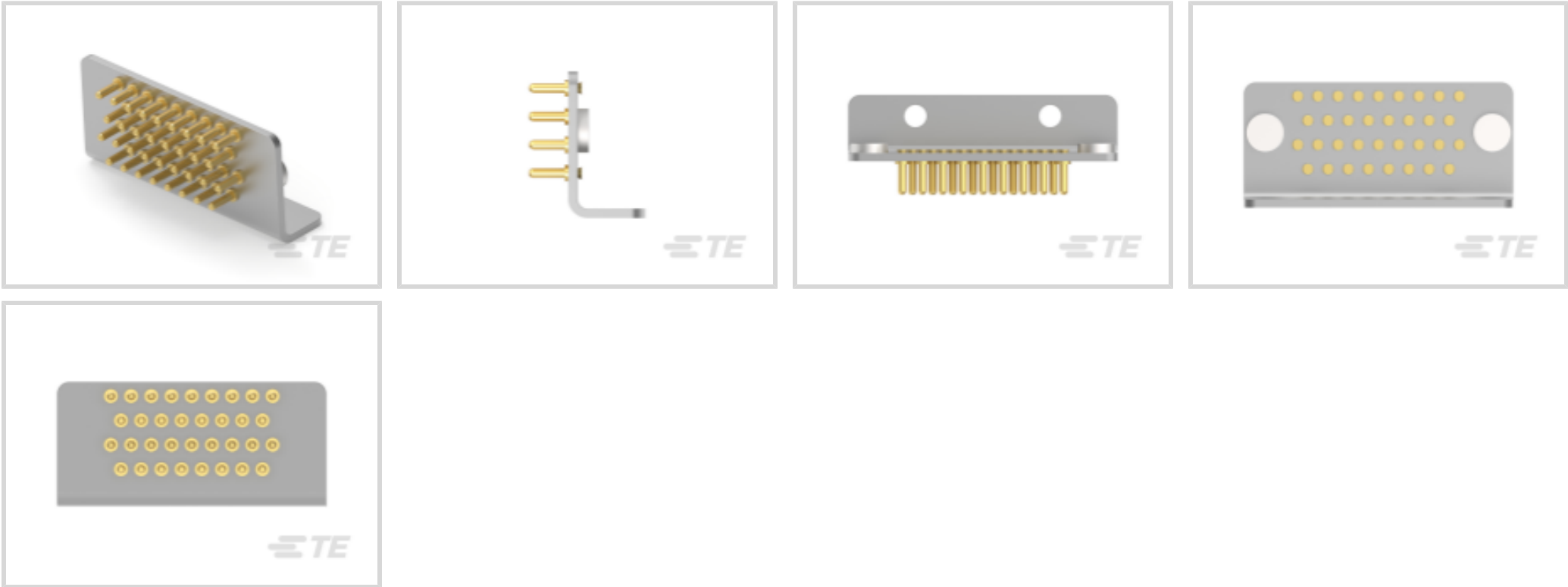




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Plug**

Connector System: **Cable-to-Panel**

Number of Positions: **34**

Centerline (Pitch): **3.81 mm [.15 in ]**

Features

Product Type Features

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

Configuration Features

|                            |    |
|----------------------------|----|
| Number of Positions        | 34 |
| Number of Power Positions  | 34 |
| Number of Signal Positions | 34 |
| Number of Rows             | 4  |

Electrical Characteristics

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

Contact Features

|                              |      |
|------------------------------|------|
| Contact Current Rating (Max) | 13 A |
|------------------------------|------|



|  |                |
|--|----------------|
| Contact Type                                   | Pin            |
| Contact Mating Area Plating Material           | Gold           |
| Contact Mating Area Plating Material Thickness | .76 µm[30 µin] |

Mechanical Attachment

|                          |             |
|--------------------------|-------------|
| Strain Relief            | Without     |
| Mating Alignment         | With        |
| Panel Mount Feature      | With        |
| Panel Mount Feature Type | Screw Mount |
| Screw & Hole Thread Size | 11841       |
| Connector Mounting Type  | Panel Mount |
| Mating Retention         | With        |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 3.81 mm[.15 in] |
|--------------------|-----------------|

Dimensions

|                    |                  |
|--------------------|------------------|
| Wire Size          | .05 – 2 mm²      |
| Row-to-Row Spacing | 4.57 mm[.18 in]  |
| Height             | 12.5 mm[.49 in]  |
| Length             | 50.8 mm[2 in]    |
| Width              | 23.62 mm[.93 in] |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 150 °C[-67 – 302 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Industry Standards

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

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Method   | Box |
| Packaging Quantity | 500 |

Other

|              |                                     |
|--------------|-------------------------------------|
| For Use With | 34-Position Socket Housing Assembly |
|--------------|-------------------------------------|



Product Compliance

For compliance documentation, visit the product page on TE.com>

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Not Compliant   |
| EU ELV Directive 2000/53/EC                   | Compliant   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JUL 2021 (219)<br>SVHC > Threshold:<br>Pb (2.5% in Component Part)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| 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



Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(7)



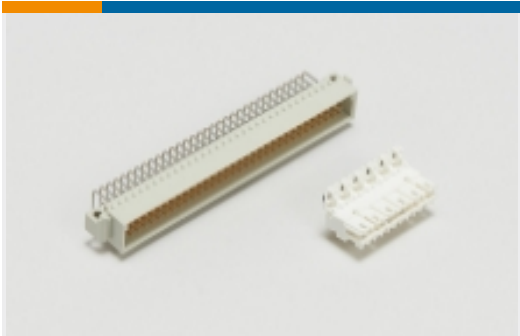
Rack & Panel Connectors(1)



Rectangular Connector Hardware(52)



Rectangular Power Connectors(69)



Standard Edge Connectors(2)

Customers Also Bought



TE Part #320555  
KNIFE DISCONNECT,N PIDG 22-16



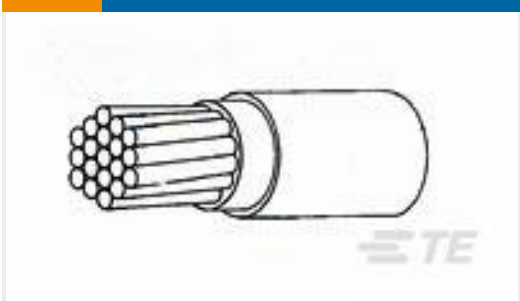
TE Part #6632750001  
TMS-SCE-3/32-2.0-9



TE Part #1-480277-0  
09P CMNL CAP HSG P/M NATL



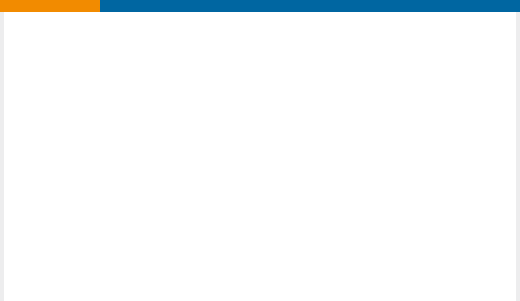
TE Part #500015-1  
SPIRAP 1/4", NYLON, NAT, 50 FT



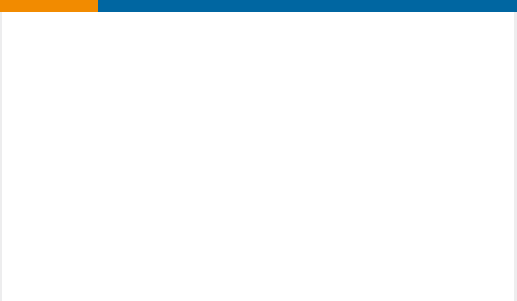
TE Part #282256-004  
81044/12-22-9



TE Part #2-331350-9  
BNC PLUG



TE Part #CTJ-3-D-08  
SE MODULE



TE Part #YDJT16E21-35SNV001  
PLUG ASSY

Documents

Product Drawings

GROUNDING CONN. 34 POS. ASY.

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_204814-1\_R.3d\_stp.zip

English

Customer View Model



[ENG\\_CVM\\_CVM\\_204814-1\\_R.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_204814-1\\_R.3d\\_igs.zip](#)

English

[3D PDF](#)

3D

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Datasheets & Catalog Pages

[M\\_SERIES\\_PIN\\_AND\\_SOCKET\\_CONNECTORS](#)

English