



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Board**

Number of Positions: **34**

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

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Rectangular Power Connector Type | Connector Assembly |
| Connector & Housing Type | Receptacle |
| Connector System | Cable-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------|----------|
| Number of Positions | 34 |
| PCB Mount Orientation | Vertical |
| 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 Retention Within Housing | With |
| Contact Type | Socket, Tab |
| PCB Contact Termination Area Plating Material | Tin |



| | |
|--|--|
| Contact Mating Area Plating Material | Gold |
| Contact Mating Area Plating Material Thickness | .76 μm [.3 μin] |
| Contact Termination Area Plating Thickness | 2.54 μm [100 μin] |

Termination Features

| | |
|---|-----------------------|
| Termination Post & Tail Length | 1.4 mm[.055 in] |
| Termination Method to Wire & Cable | Solder |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Mechanical Attachment

| | |
|---------------------------------------|--------------------------|
| Strain Relief | Without |
| Mating Alignment Type | Guide Hole |
| Mating Alignment | With |
| Contact Retention Type Within Housing | Locking Spring |
| Panel Mount Feature | Without |
| Screw & Hole Thread Size | 6-32 UNC-2A, 6-32 UNC-2B |
| Connector Mounting Type | Board Mount |
| Mating Retention | With |
| Mating Retention Type | Jackscrews - Fixed |

Housing Features

| | |
|--------------------|-----------------|
| Centerline (Pitch) | 3.81 mm[.15 in] |
| Housing Color | Black |
| Housing Material | Polyester GF |

Dimensions

| | |
|--------------------|-------------------|
| Row-to-Row Spacing | 4.57 mm[.18 in] |
| Height | 23.24 mm[.915 in] |
| Length | 50.8 mm[2 in] |
| Width | 19.05 mm[.75 in] |

Usage Conditions

| | |
|-----------------------------|--|
| Operating Temperature Range | -55 – 130 $^{\circ}\text{C}$ [-67 – 266 $^{\circ}\text{F}$] |
| Shielded | No |

Operation/Application

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

Industry Standards



| | |
|------------------------|-------------------------------|
| UL Flammability Rating | UL 94V-0 |
| Glow Wire Rating | Standard Part - Not Glow Wire |

Packaging Features

| | |
|--------------------|------------------|
| Packaging Method | Box & Tray, Tray |
| Packaging Quantity | 32 |

Other

| | |
|--------------|---------------------|
| For Use With | Standard Connectors |
|--------------|---------------------|

Product Compliance

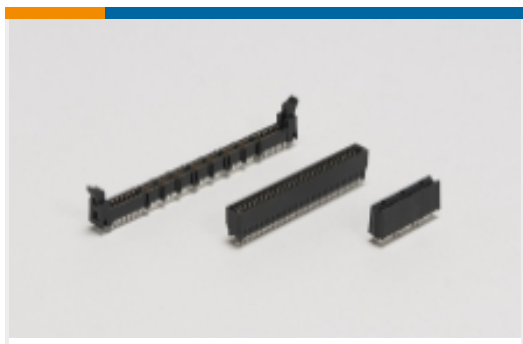
[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Not Yet Reviewed |
| 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 2021 (211) Candidate List Declared Against: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed |
| Halogen Content | Not Yet Reviewed for halogen content |
| Solder Process Capability | Wave solder capable to 265°C |

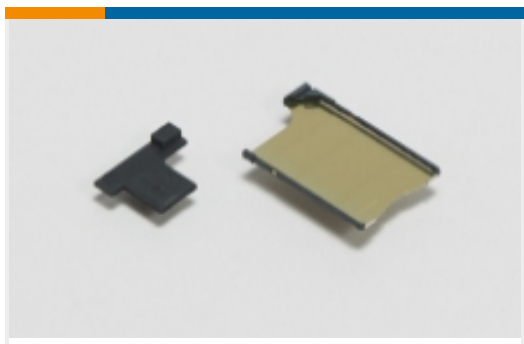
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

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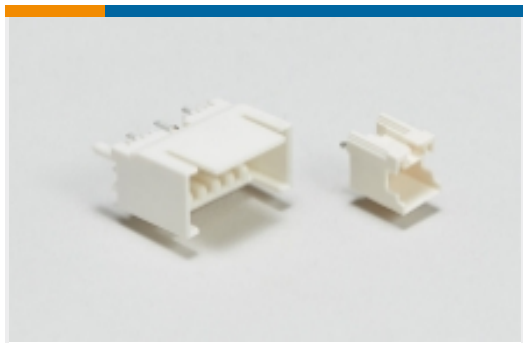
RF Connectors(1)



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Customers Also Bought



TE Part #6609952-8
CORCOM P SERIES MULTI-FUNCTION INLET FIL



TE Part #213524-8
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TE Part #1-103670-6
17 MTE HDR SRST LATCH W/HLDWN



TE Part #7-2176311-6
RP 1E 0.1W 6K98 0.1% 25PPM 1K RL



TE Part #1617159-4
SMGAD-26 = SMGAD .100 GRID SMD



TE Part #745820-2
D-Sub Receptacle Assembly: Vertical, Shell Size 2, 2.74mm



TE Part #2032757-6
SFP+ to SFP+ I/O Cable Assembly: 30 AWG



TE Part #YDTS20F25-61AAV001
D38999: Square Flange, 25-61 insert



Documents

Product Drawings

V.35,SKT ASY,VRT,34P,W/HDW LF

English

CAD Files

Customer View Model

[ENG_CVM_213809-7_F.3d_igs.zip](#)

English

Customer View Model

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