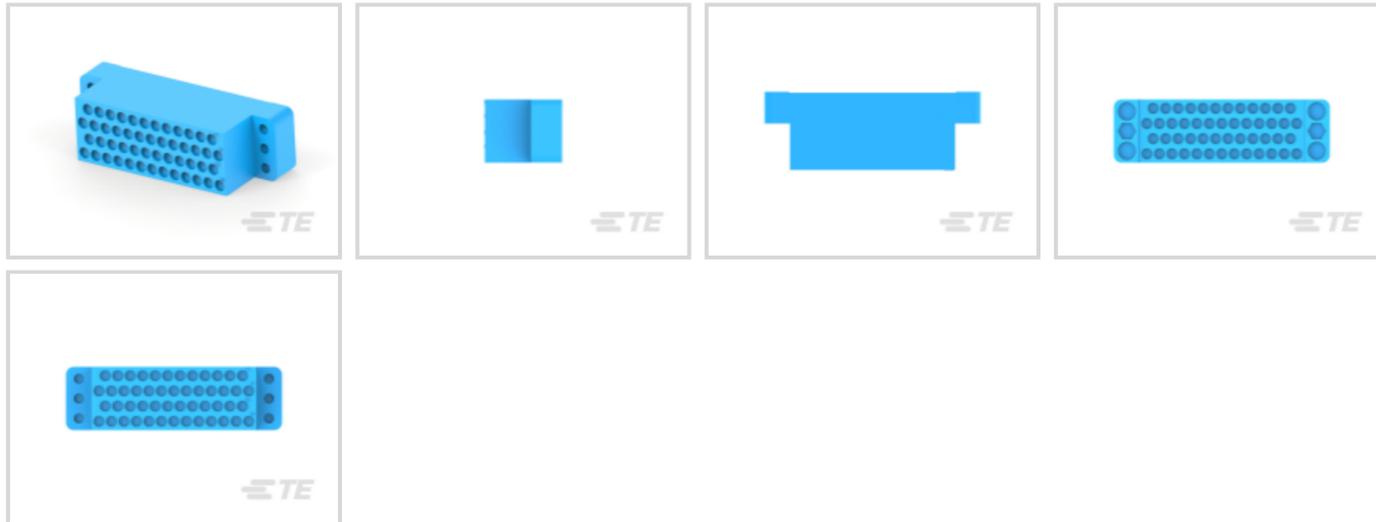# 201358-3  ✔ ACTIVE

**AMP**

TE Internal #: 201358-3

Rectangular Power Connectors, Housing, Plug, Cable-to-Cable / Cable-to-Panel, 50 Position, 3.81 mm [.15 in] Centerline, Wire & Cable, UL 94V-0

View on TE.com >

Rectangular Power Connector Type:   **Housing**

Connector & Housing Type:   **Plug**

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

Number of Positions:   **50**

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

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Number of Positions | 50 |
| Number of Power Positions | 50 |
| Number of Signal Positions | 50 |
| Number of Rows | 4 |

### Electrical Characteristics

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

### Contact Features

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

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| | |
|---|---|
| Contact Retention Within Housing | With |
| Contact Type | Pin |

### Termination Features

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

### Mechanical Attachment

| | |
|---|---|
| Panel Mount Feature | With |
| Panel Mount Feature Type | Screw Mount |
| Connector Mounting Type | Panel Mount |

### Housing Features

| | |
|---|---|
| Centerline (Pitch) | 3.81 mm[.15 in] |
| Housing Color | Blue |
| Housing Material | Diallyl Phthalate |

### Dimensions

| | |
|---|---|
| Wire Size | .05 – 2 mm² |
| Row-to-Row Spacing | 4.57 mm[.18 in] |
| Height | 65.91 mm[2.595 in] |
| Length | 23.24 mm[.915 in] |
| Width | 19.05 mm[.75 in] |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -65 – 125 °C[-85 – 257 °F] |

### 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 | Carton |
| Packaging Quantity | 70 |

### Other

| | |
|---|---|
| For Use With | Female Block 200277 |

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Rectangular Power Connectors, Housing, Plug, Cable-to-Cable / Cable-to-Panel, 50 Position, 3.81 mm [.15 in] Centerline, Wire & Cable, UL 94V-0

## 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)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>tris(2-methoxyethoxy)vinylsilane (.11% in Component Part)<br>**Article Safe Usage Statements:**<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 | Not Low Halogen - contains Br or Cl > 900 ppm. |
| 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, and 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 # 200277-4
BLOCK,50 POSN,M SERIES

## Documents

Product Drawings

MALE BLOCK 50 PL.

201358-3

Rectangular Power Connectors, Housing, Plug, Cable-to-Cable / Cable-to-Panel, 50
Position, 3.81 mm [.15 in] Centerline, Wire & Cable, UL 94V-0

English

## CAD Files

3D PDF

3D

**Customer View Model**

ENG_CVM_CVM_201358-3_AK.2d_dxf.zip

English

**Customer View Model**

ENG_CVM_CVM_201358-3_AK.3d_igs.zip

English

**Customer View Model**

ENG_CVM_CVM_201358-3_AK.3d_stp.zip

English

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

## Datasheets & Catalog Pages

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

## Instruction Sheets

Instruction Sheet (U.S.)

English

20 HVC, 34 AND 50 POSITION SERIES ''M'' CONNECTOR

English

Instruction Sheet (U.S.)

English

LATCHING SHIELD AND PIN HOOD FOR 50 POSITION ''M'' SERIES CONNECTOR

English

## Agency Approvals

Agency Approval Document

English