

1-2232892-2 ✓ ACTIVE

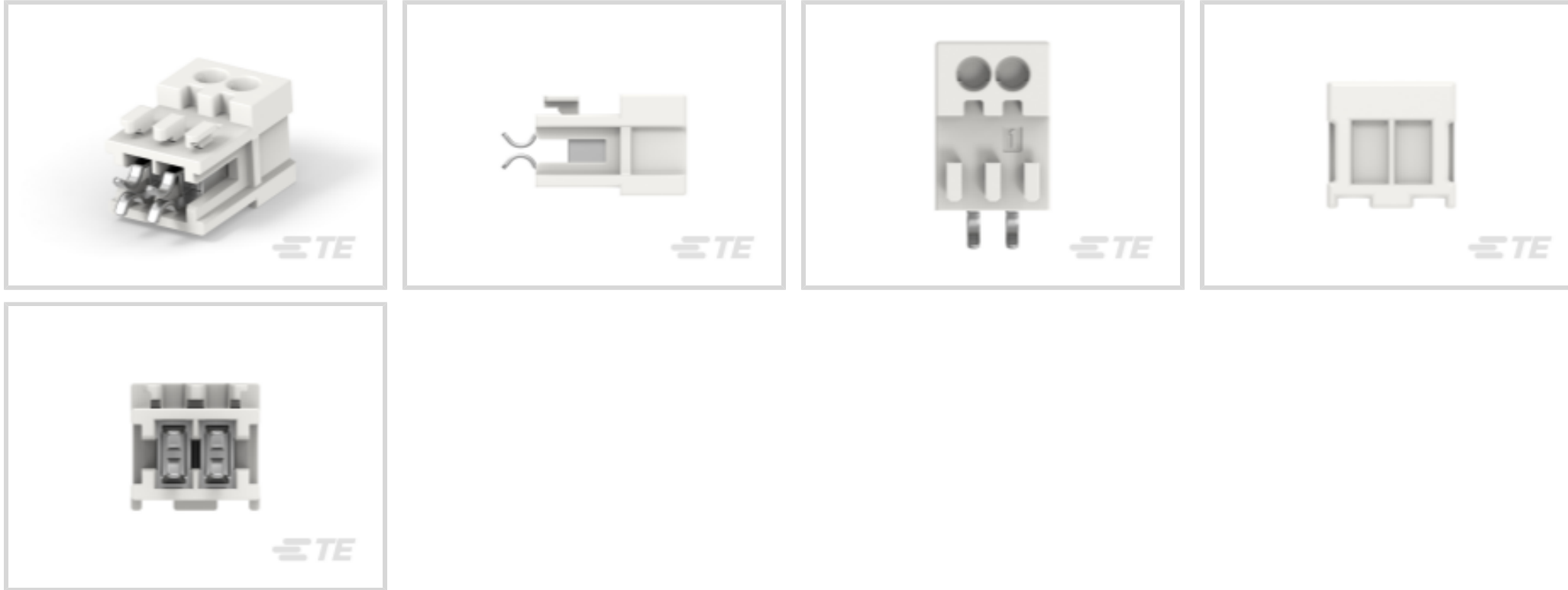
TE Internal #: 1-2232892-2

Wire-to-Board, 2 Position, 2.5 mm [.098 in] Centerline, Insulation Displacement (IDC), 1 Row, Natural, PA 66 GF, Standard Edge Connectors

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Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors



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

Number of Positions: 2

Centerline (Pitch): 2.5 mm [.098 in]

Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

Number of Rows: 1

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Connector System | Wire-to-Board |
| Connector & Housing Type | Receptacle |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|---|---------------|
| Card Entry Style | Side |
| Number of Insulation Displacement Slots | 2 |
| Compatible With Wire & Cable Type | Discrete Wire |
| Number of Positions | 2 |
| Number of Rows | 1 |
| Connector Contact Load Condition | Fully Loaded |
| PCB Mount Orientation | Right Angle |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 50 VAC |
|-------------------|--------|

Body Features

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



| | |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Contact Features

| | |
|----------------------------------|--------------|
| Contact Retention Within Housing | With |
| Contact Type | Socket |
| Contact Base Material | Copper Alloy |
| Contact Current Rating (Max) | 2 A |

Termination Features

| | |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
|------------------------------------|-------------------------------|

Mechanical Attachment

| | |
|---------------------------------------|----------------------------|
| Mating Alignment Type | Keyed |
| Mating Retention | Without |
| Mating Alignment | With |
| Contact Retention Type Within Housing | Locking Lance |
| PCB Mount Alignment | Without |
| PCB Mount Retention | Without |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|--------------------|------------------|
| Centerline (Pitch) | 2.5 mm [.098 in] |
| Housing Material | PA 66 GF |

Dimensions

| | |
|--------------------------------------|---------------------------------|
| Connector Height | 7.3 mm [.287 in] |
| PCB Thickness (Recommended) | 1.36 – 1.64 mm [.053 – .064 in] |
| Compatible Insulation Diameter Range | 1.2 – 1.6 mm [.047 – .063 in] |
| Wire Size | .22 – .35 mm ² |

Usage Conditions

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|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 – 110 °C [-40 – 230 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

| | |
|------------------------|---------------------------|
| UL Flammability Rating | UL 94V-0 |
| Glow Wire Rating | GWT 750°C (Without Flame) |

Packaging Features



| | |
|--------------------|------|
| Packaging Quantity | 9216 |
| Packaging Method | Tube |

Product Compliance

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

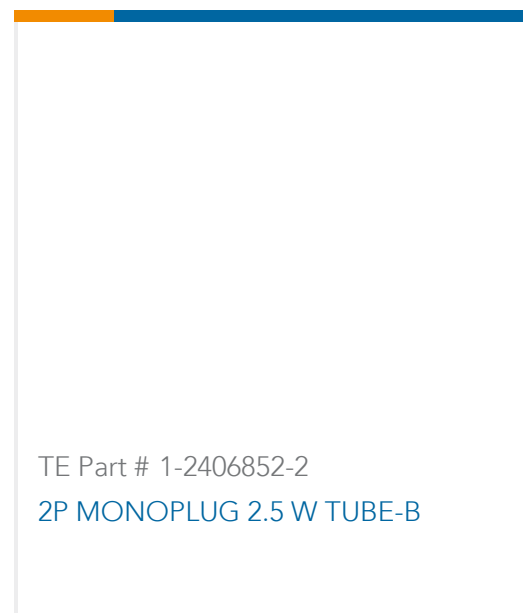
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not reviewed 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 # 1-2232892-3 3P MONOPLUG 2.5</p> |  <p>TE Part # 1-2232892-5 5P MONOPLUG 2.5</p> |  <p>TE Part # 1-2232892-7 7P MONOPLUG 2.5</p> |  <p>TE Part # 1-2232892-6 6P MONOPLUG 2.5</p> |
|--|--|--|--|



Customers Also Bought



Documents

Product Drawings

[2P MONOPLUG 2.5](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2232892-2_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2232892-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2232892-2_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[RAST Connector System Catalog](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[VDE Certificate](#)

English