



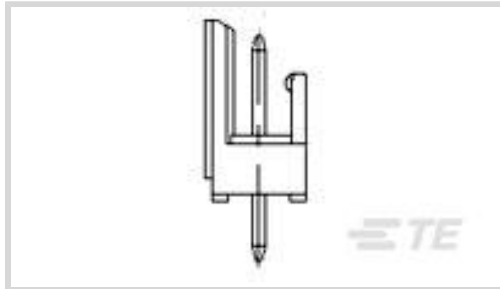
AMPMODU

TE Internal #: 828548-3

PCB Mount Header, Vertical, Board-to-Board, 3 Position, 2.54 mm [.1 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder, Signal, Natural

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **3**

Number of Rows: **1**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| PCB Connector Assembly Type | PCB Mount Header |
| Connector System | Board-to-Board |
| Header Type | Partially Shrouded |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------------|--------------|
| Stackable | No |
| Connector Contact Load Condition | Fully Loaded |
| PCB Mount Orientation | Vertical |
| Number of Positions | 3 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-----------------------|------|
| Insulation Resistance | 1 MΩ |
|-----------------------|------|

Body Features

| | |
|-----------------------|----------|
| Connector Profile | Standard |
| Primary Product Color | Natural |

Contact Features

| | |
|----------------------------|-----------------|
| Contact Mating Area Length | 5.2 mm[.205 in] |
|----------------------------|-----------------|



| | |
|--|-----------------------------|
| Contact Layout | Inline |
| Mating Pin Diameter | .64 mm[.025 in] |
| Contact Shape & Form | Round |
| Contact Base Material | Phosphor Bronze |
| Contact Mating Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | 1.3 μ m[51.18 μ in] |
| Contact Type | Pin |

Termination Features

| | |
|---|-----------------------|
| Round Termination Post & Tail Diameter | .64 mm[.025 in] |
| Termination Post & Tail Length | 2.9 mm[.114 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Mechanical Attachment

| | |
|-------------------------|-------------|
| Mating Retention | With |
| Mating Alignment | With |
| Mating Alignment Type | Polarized |
| PCB Mount Retention | Without |
| PCB Mount Alignment | Without |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|--------------------|----------------|
| Centerline (Pitch) | 2.54 mm[.1 in] |
| Housing Material | PBT GF |

Dimensions

| | |
|------------------|----------------|
| Connector Height | 8.8 mm[.34 in] |
| | 1.3 in |

Operation/Application

| | |
|------------------------|----------------|
| Solder Process Feature | Board Standoff |
| Circuit Application | Signal |

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|--------------------|--------|
| Packaging Quantity | 1500 |
| Packaging Type | Carton |



Product Compliance



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

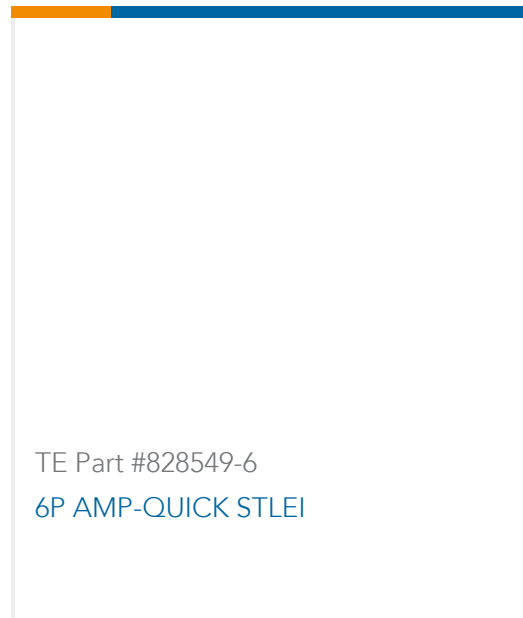
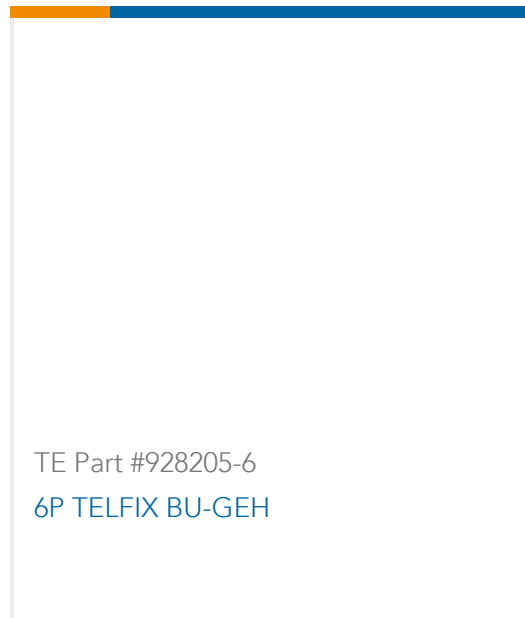
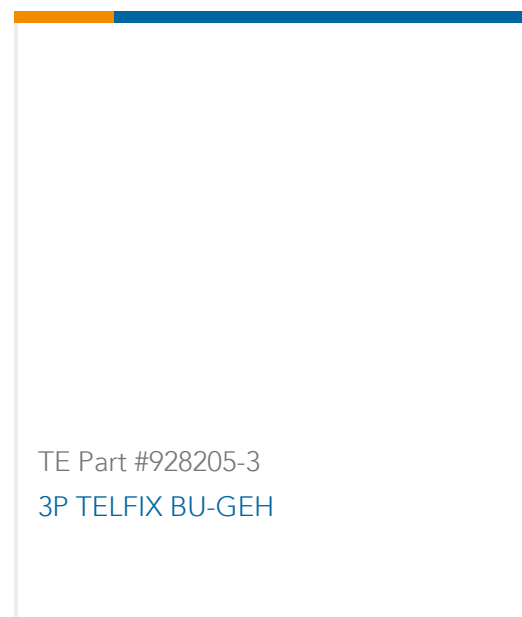
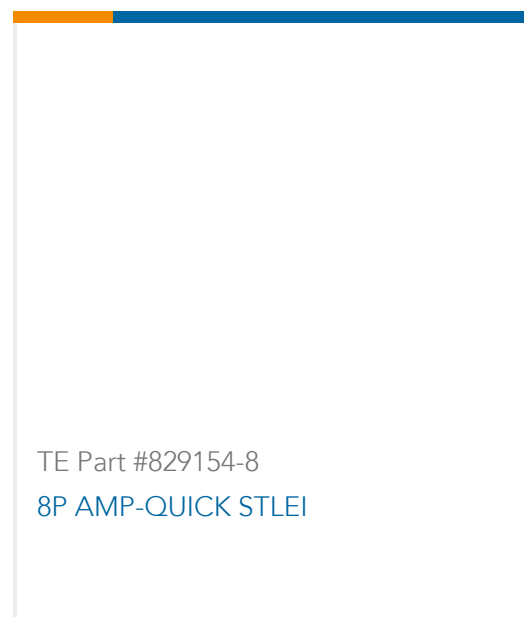
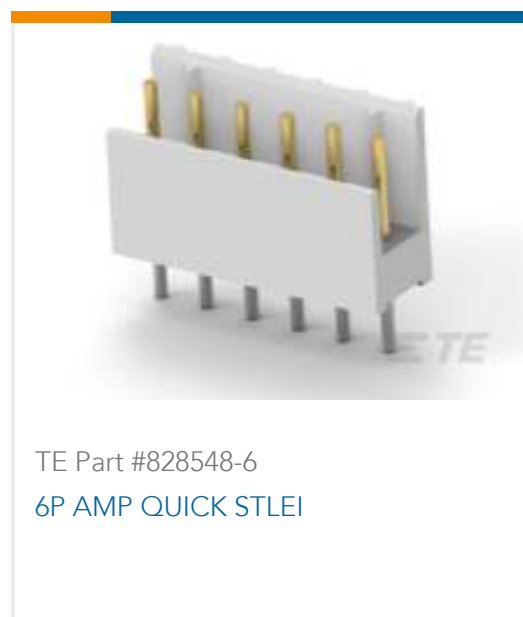
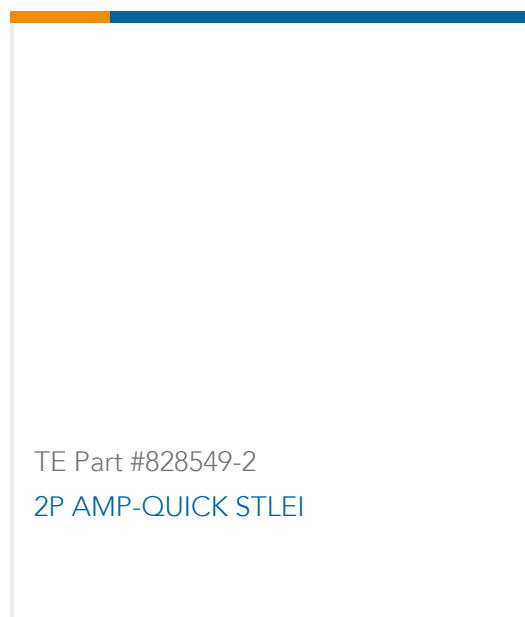
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|---|--|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC |
| 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, 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>

Customers Also Bought

| | | | |
|--|--|---|---|
|  <p>TE Part #927231-5 UNML CAP HSG 9WAY</p> |  <p>TE Part #1-1863003-2 UMNL 9WAY PLUG HOUSING</p> |  <p>TE Part #926298-6 UNML PLUG 4WAY</p> |  <p>TE Part #2027234-2 T9ES1D14-12</p> |
|--|--|---|---|



Documents

Product Drawings

[3P AMP QUICK STLEI](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_828548-3_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_828548-3_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_828548-3_E.3d_stp.zip](#)

English

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