

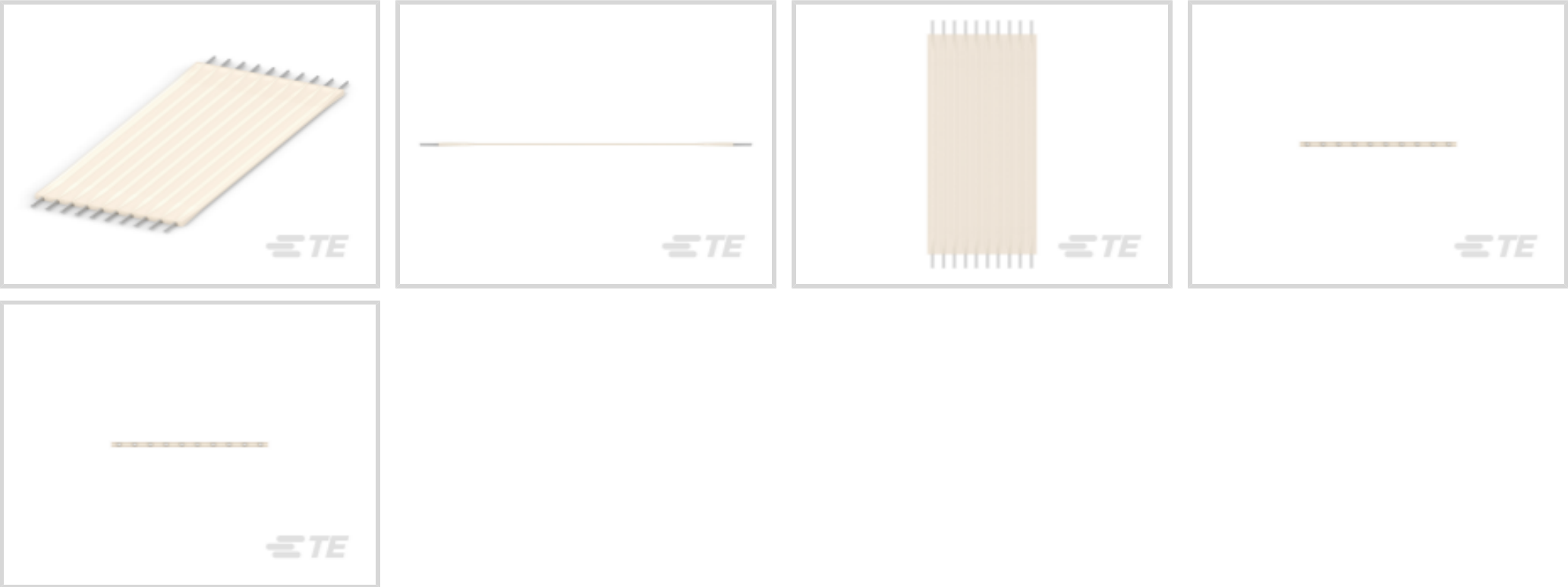


TE Internal #: 4-1474644-0

Wire-to-Board, 20 Position, 2.54 mm [.1 in] Centerline, 76.2 mm [3 in] Length, Printed Circuit Board, Power, Wire-to-Board Jumpers & Shunts

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Jumpers & Shunts



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

Number of Positions: **20**

Centerline (Pitch): **2.54 mm [.1 in]**

Product Length: **76.2 mm [3 in]**

Connector & Contact Terminates To: **Printed Circuit Board**

Features

Product Type Features

|                                    |                       |
|------------------------------------|-----------------------|
| Compatible With Discrete Wire Type | Solid                 |
| Connector System                   | Wire-to-Board         |
| Connector & Contact Terminates To  | Printed Circuit Board |

Configuration Features

|                      |    |
|----------------------|----|
| Number of Conductors | 20 |
| Number of Rows       | 1  |
| Number of Positions  | 20 |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 300 VAC |
| Impedance         | 117 Ω   |

Body Features

|                            |              |
|----------------------------|--------------|
| Jumper Insulation Material | Aramid Paper |
|----------------------------|--------------|

Contact Features

|                         |   |
|-------------------------|---|
| Pin Arrangement (Right) | A |
|-------------------------|---|



|                              |     |
|------------------------------|-----|
| Pin Arrangement (Left)       | A   |
| Contact Current Rating (Max) | 3 A |

Housing Features

|                    |                |
|--------------------|----------------|
| Centerline (Pitch) | 2.54 mm[.1 in] |
|--------------------|----------------|

Dimensions

|                |               |
|----------------|---------------|
| Wire Size      | 24 AWG        |
| Product Length | 76.2 mm[3 in] |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Product Compliance

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

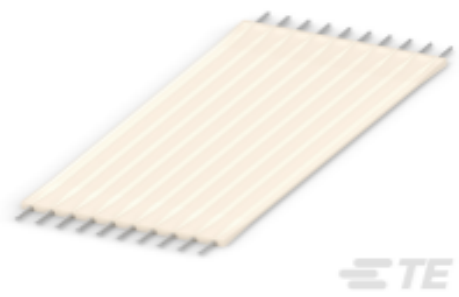
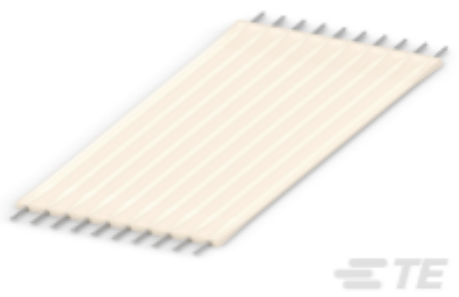
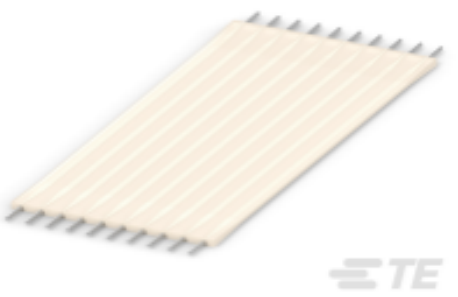
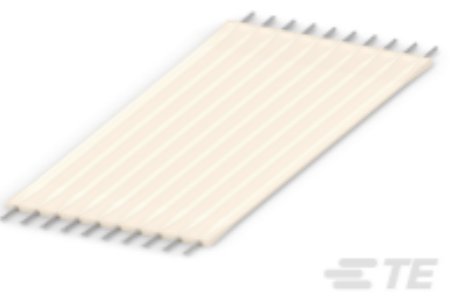
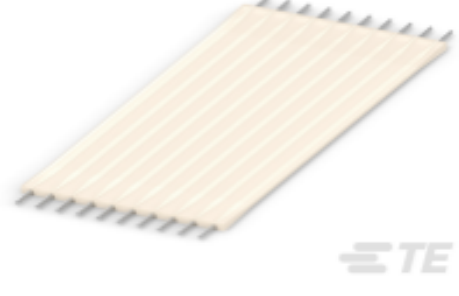
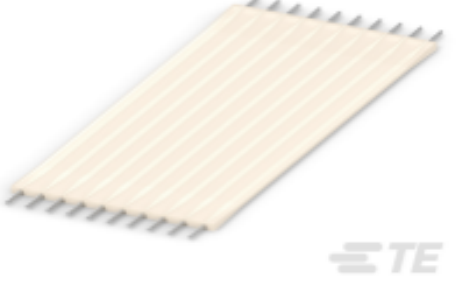
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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

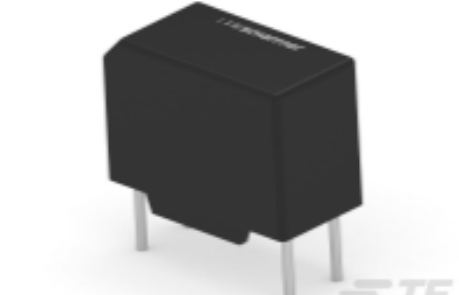
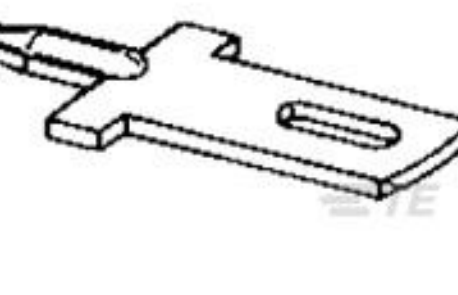
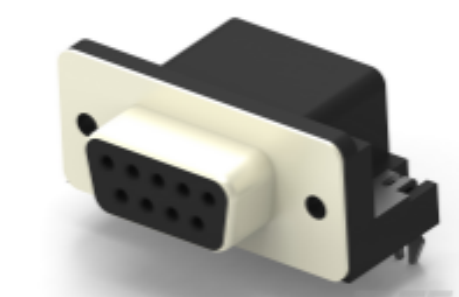
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 8-6437125-5<br/>FSN-23AB-14</p> |  <p>TE Part # 1474644-9<br/>FSN-23A-4</p>     |  <p>TE Part # 1-6437144-6<br/>FSN-23.7A-12</p> |  <p>TE Part # 1-1474644-2<br/>FSN-23A-14</p> |
|  <p>TE Part # 2-1474644-3<br/>FSN-23A-9</p>  |  <p>TE Part # 3-1474644-1<br/>FSN-23A-16</p> |  <p>TE Part # 2205353-1<br/>FSN-23A-11</p>    |                                                                                                                                 |

Customers Also Bought

|                                                                                                                                                        |                                                                                                                                                |                                                                                                                                        |                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #816541-SF<br/>RN202-2-02-1M1</p>                       |  <p>TE Part #165035<br/>PLASTI-GRIP, RING, 12-10 1/4</p>    |  <p>TE Part #735427-2<br/>110 FASTON TAB TPBR</p> |  <p>TE Part #2-1393236-2<br/>V23092-A1024-A202</p> |
|  <p>TE Part #1462039-4<br/>IM13GR=IM RELAY 100mW 5V</p>             |  <p>TE Part #6-1462039-0<br/>IM06PNS=IM RELAY 140mW 12V</p> |  <p>TE Part #4-1625984-2<br/>HSA50 2R0 5%</p>     |  <p>TE Part #5-1676966-1<br/>SMW2 12R 5%</p>       |
|  <p>TE Part #2301844-1<br/>AMPL REC HD20, R/A, 9P, B/L,4-40 INS</p> |  <p>TE Part #1623708-2<br/>RGP0207CH 5% 10M</p>             |                                                                                                                                        |                                                                                                                                         |



Documents

Product Drawings

FSN-23A-20

English

Product Specifications

Product Specification

English

Agency Approvals

UL Report

English