



Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm



Connector & Housing Type: **Receptacle**

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

Number of Positions: **9**

Centerline (Pitch): **2.74 mm [.108 in]**

Number of Rows: **2**

[All D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm \(59\)](#)

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Shell Material Configuration | Front Metal Shell |
| Ground Feature Type | Grounding Straps |
| Connector & Housing Type | Receptacle |
| Connector System | Cable-to-Board |
| Connector Shell Size | 1 |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|-----------------------|----------|
| Number of Positions | 9 |
| Number of Rows | 2 |
| PCB Mount Orientation | Vertical |

Body Features

| | |
|------------------------|----------|
| Shell Plating Material | Tin |
| Connector Profile | Standard |

Contact Features

| | |
|--------------------------------------|--------|
| | 30 µin |
| Contact Mating Area Plating Material | Gold |
| Contact Underplating Material | Nickel |



| | |
|---|-----------------|
| PCB Contact Termination Area Plating Material | Tin |
| Contact Base Material | Phosphor Bronze |
| Contact Shape & Form | Round |

Termination Features

| | |
|---|-----------------------|
| Round Termination Post & Tail Diameter | .7 mm[.027 in] |
| Termination Post & Tail Length | 3.2 mm[.126 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Mechanical Attachment

| | |
|--------------------------|-----------------------------|
| Mounting Hole Diameter | 3.1 mm |
| PCB Mount Alignment | With |
| PCB Mount Retention | With |
| PCB Mount Retention Type | Solder Tail |
| Mating Retention | With |
| Mating Retention Type | Female Screwlocks, 4-40 UNC |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|--------------------|------------------|
| Shell Material | Steel |
| Housing Material | PBTP GF |
| Centerline (Pitch) | 2.74 mm[.108 in] |

Dimensions

| | |
|-----------------------------|------------------|
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |
| Row-to-Row Spacing | 2.84 mm[.112 in] |

Operation/Application

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

Industry Standards

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

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 70 |
| Packaging Method | Tray |

Product Compliance

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



| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (.35% in Component Part) Article Safe Usage Statements: 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, 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 # CAT-AM7-248H3
IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm



TE Part # CAT-AM7-H3
IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm




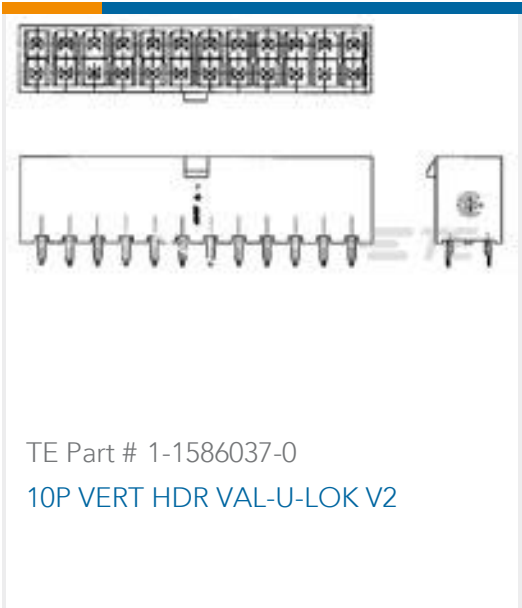





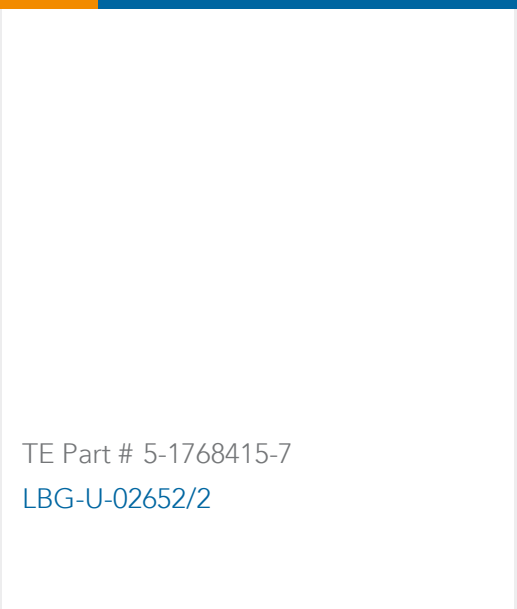

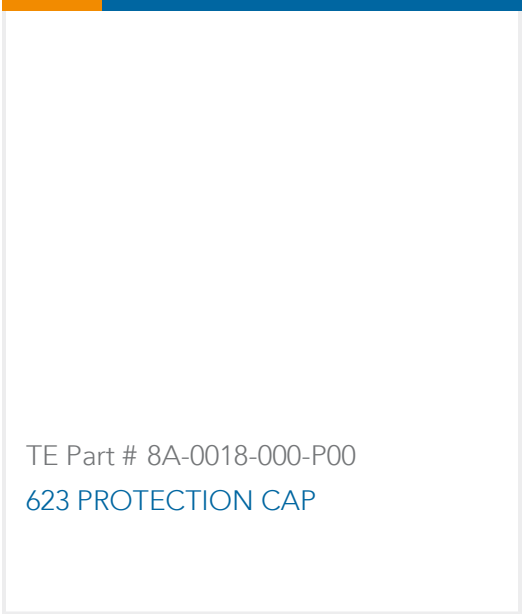
TE Part # 7-1393740-8
V42254A2216C209=SUB D STIFTLEI



TE Part # CAT-AM7-248H4
IDC D-Sub: Connector Kit, Plug, Wire to Wire, Signal, 2.77 mm

Customers Also Bought



| | | | |
|--|---|---|---|
|  <div>TE Part # 825440-8 OD 2 PINHDR 2X08P.</div> |  <div>TE Part # 1-1586037-0 10P VERT HDR VAL-U-LOK V2</div> |  <div>TE Part # 2-1393223-5 V23061B1007A501=MINISTARKSTROM</div> |  <div>TE Part # 2309877-1 TAB CONNECTOR</div> |
|  <div>TE Part # 1814425-3 ADF02STTR04900</div> |  <div>TE Part # 2205501-1 CA MICRO-MATCH MOW-MOW 20POS</div> |  <div>TE Part # 2407219-1 SBP091287WE4-2P</div> |  <div>TE Part # 5-1768415-7 LBG-U-02652/2</div> |
|  <div>TE Part # 8B-0041-001-000 dust cap</div> |  <div>TE Part # 8A-0018-000-P00 623 PROTECTION CAP</div> | | |

Documents

Product Drawings
V42254A2216B209=SUB D FEDERLEI
English

CAD Files
Customer View Model
ENG_CVM_CVM_7-1393740-0_A.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_7-1393740-0_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_7-1393740-0_A.3d_stp.zip
English

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