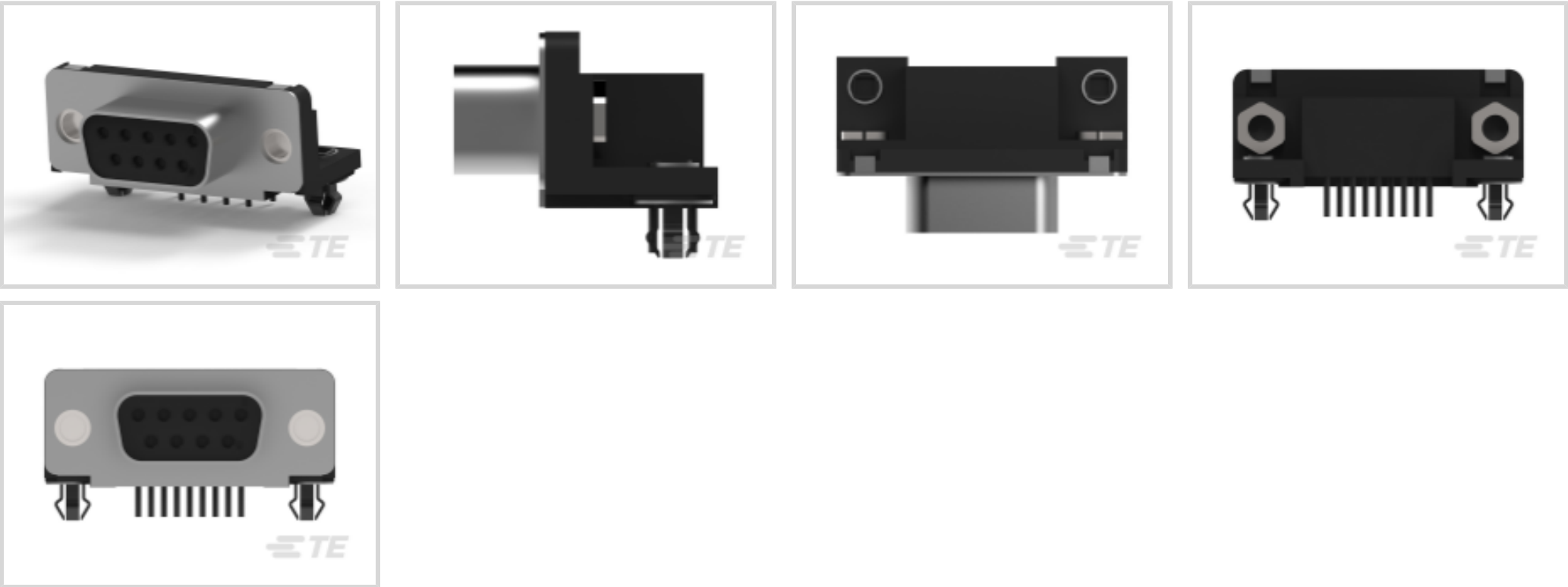




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm



Connector & Housing Type: **Receptacle**

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

Number of Positions: **9**

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

Number of Rows: **2**

[All D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm \(77\)](#)

Features

Industry Standards

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

Termination Features

| | |
|----------------------------------|-----------------------|
| Termination Post & Tail Diameter | .63 mm[.025 in] |
| Termination Method to PCB | Through Hole - Solder |
| Termination Post & Tail Length | 3.18 mm[.125 in] |

Packaging Features

| | |
|--------------------|------------------|
| Packaging Quantity | 17 |
| Packaging Method | Tube, Box & Tube |

Mechanical Attachment

| | |
|---|----------------|
| Mating Retention Feature Plating Material | Clear Chromate |
| Mounting Feature Plating Material | Tin |
| Mounting Feature Material | Brass |



| | |
|---|------------------|
| Mounting Hole Diameter | .1 mm |
| Mating Alignment | With |
| PCB Mount Alignment | With |
| Assembly Process Feature Plating Material | Tin |
| PCB Mount Retention | With |
| PCB Mount Retention Type | Boardlock |
| Mating Retention | With |
| Mating Retention Type | Threaded Inserts |
| Connector Mounting Type | Board Mount |

Body Features

| | |
|-----------------------------------|--------------|
| Assembly Process Feature Material | Copper Alloy |
| Insert Material | Zinc |
| Shell Plating Material | Tin |
| Mating Retention Feature Material | Zinc |
| Primary Product Color | Black |
| Connector Profile | Standard |

Contact Features

| | |
|---|-----------------|
| Contact Underplating Material | Nickel |
| | 30 μin |
| Contact Options | Installed |
| Contact Mating Area Plating Material | Gold |
| Contact Base Material | Phosphor Bronze |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Shape & Form | Round |
| Contact Current Rating (Max) | 6 A |

Dimensions

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

Housing Features

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



Product Type Features

| | |
|-----------------------------------|-----------------------|
| Ground Feature Type | Grounding Straps |
| Shell Material Configuration | Front Metal Shell |
| Connector & Housing Type | Receptacle |
| Connector System | Board-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 | Right Angle |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

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 | 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-H3
IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm



TE Part # CAT-AM7-248H3
IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm




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

Customers Also Bought



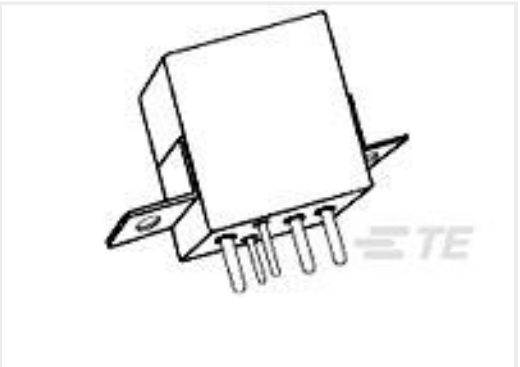
TE Part #8-1879337-8
CPF 0603 20K 1% 50PPM 1K RL



TE Part #5-5176264-8
06 AMPMODU 2MM DR VERT MNT LF




TE Part #2170790-3
CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP




TE Part #5-1617748-4
FCA-125-7=M6106/19-007



TE Part #2372928-2
QSFP112 Receptacle Assembly, Au, Washer



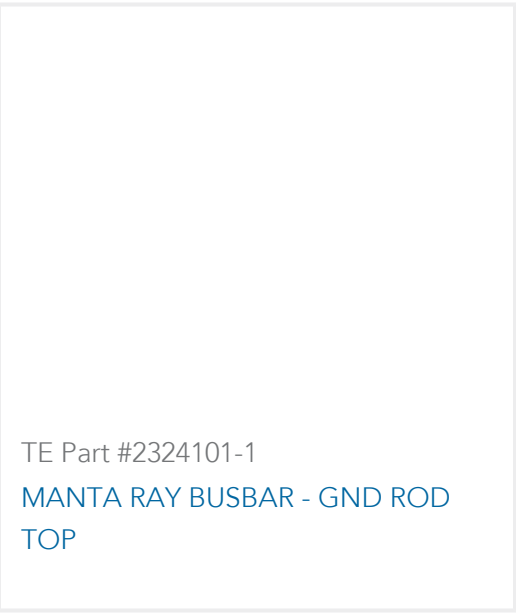
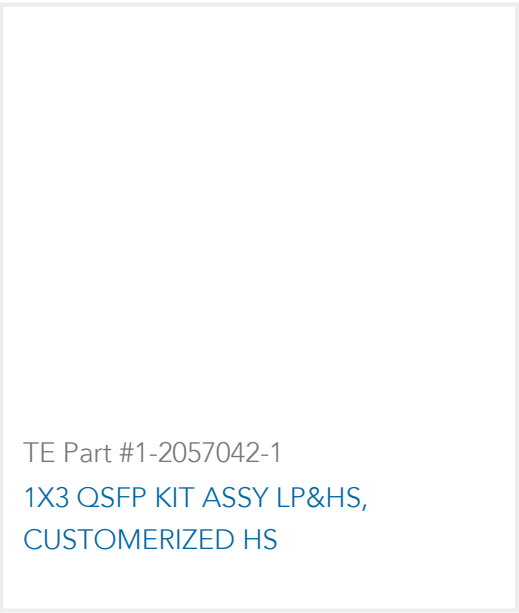
TE Part #1-6600393-2
MBXL VERT HDR 4P STR



TE Part #2320645-1
CAGE ASSEMBLY, 1X2, QSFP28, SPRING,HS,8LP



TE Part #CT56603001
55A1121-22-0/9-9CK0001



Documents

Product Drawings

09 HTMSFL ASSY RA 318 (IN, BL)

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5788796-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5788796-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5788796-3_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English

Agency Approvals

UL Report

English