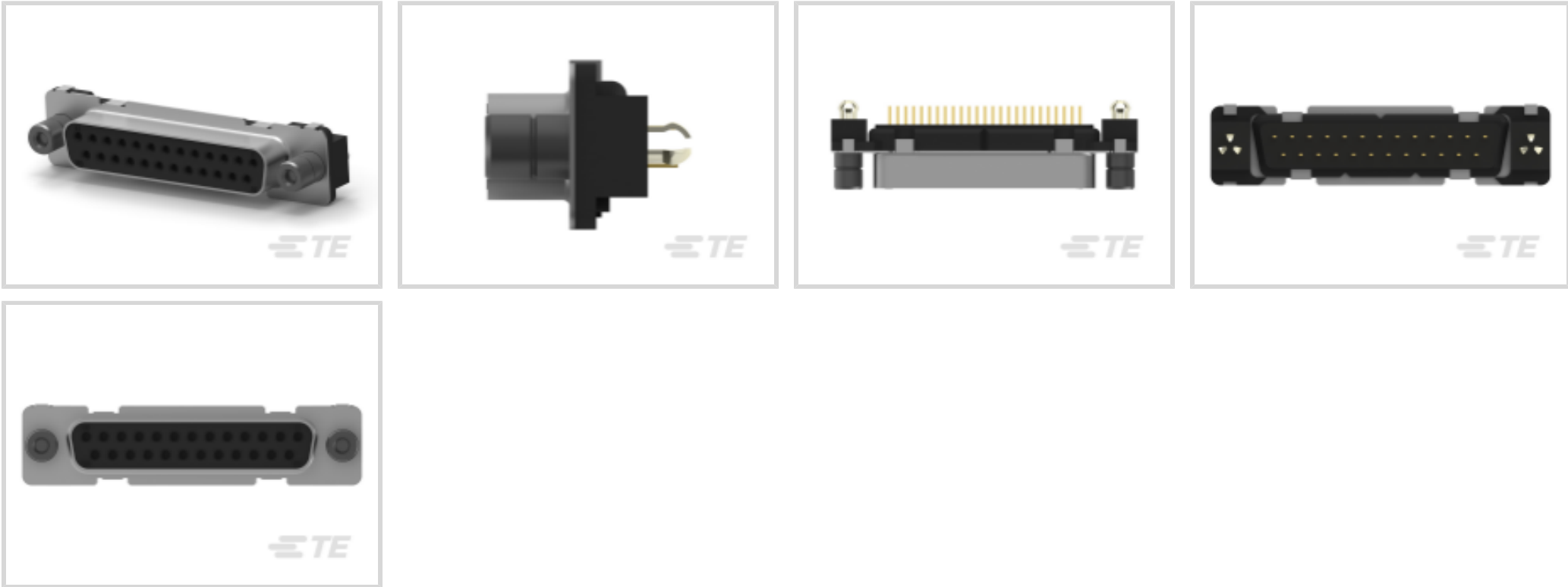




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Vertical, Shell Size 3, 2.77mm



Connector & Housing Type: **Receptacle**

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

Number of Positions: **25**

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

Number of Rows: **2**

[All D-Sub Receptacle Assembly: Vertical, Shell Size 3, 2.77mm \(64\)](#)

Features

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	DIN 41652

Termination Features

Rectangular Termination Post & Tail Width	.45 mm[.017 in]
Rectangular Termination Post & Tail Thickness	.32 mm[.012 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.2 mm[.126 in]

Packaging Features

Packaging Quantity	30
Packaging Method	Tray

Operation/Application

Durability Rating	200 Cycles
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Circuit Application	Signal
Mechanical Attachment	
Mounting Hole Diameter	3.1 mm
Assembly Process Feature Plating Material	Tin
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Female Screwlocks, 4-40 UNC
Connector Mounting Type	Board Mount
Body Features	
Assembly Process Feature Material	Phosphor Bronze
Shell Plating Material	Tin
Primary Product Color	Black
Connector Profile	Standard
Contact Features	
Contact Mating Area Plating Material Thickness	.76 µm
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)	1.6 mm[.062 in]
Row-to-Row Spacing	2.84 mm[.112 in]
Housing Features	
Housing Material	Polyester GF
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	3
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	25
Number of Rows	2
PCB Mount Orientation	Vertical

Usage Conditions

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

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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-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 #2-5747706-0
09 RCPT SP/FMS BRDLK

TE Part #1623790-3
SQM10S 47R 5% LP (WIRE)

TE Part #282901-3
TERMI-BLOK PCB MOUNT 2ND 3P.5,

TE Part #9-1625867-1
RP 1J 0.166W 54R9 0.1% 25PPM 1K RL

TE Part #2-338309-2
9P.HDP20 PLUG ASSY

TE Part #1623804-8
SQZ10 3R3 5% WIRE

TE Part #1337810-2
50 OHM COAX SMA STR PLUG ELB P

TE Part #826467-8
8P MOD II SHROUDED HEADER, ST

TE Part #SM3041-015-D-B-3-S
PRE-QUALIFICATION 15 PSID

TE Part #4-1879378-8
TLR3A 3.0W R002 1% 2K RL 20K MOQ

Documents

Product Drawings
25POS.HD20 REC.ASSY

English



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-338315-2_F_c-3-338315-2-f.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-338315-2_F_c-3-338315-2-f.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-338315-2_F_c-3-338315-2-f.3d_stp.zip

English

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

Product Specifications

side entry, bottom entry, top entry and toolless modular jack

English

Product Specification

English