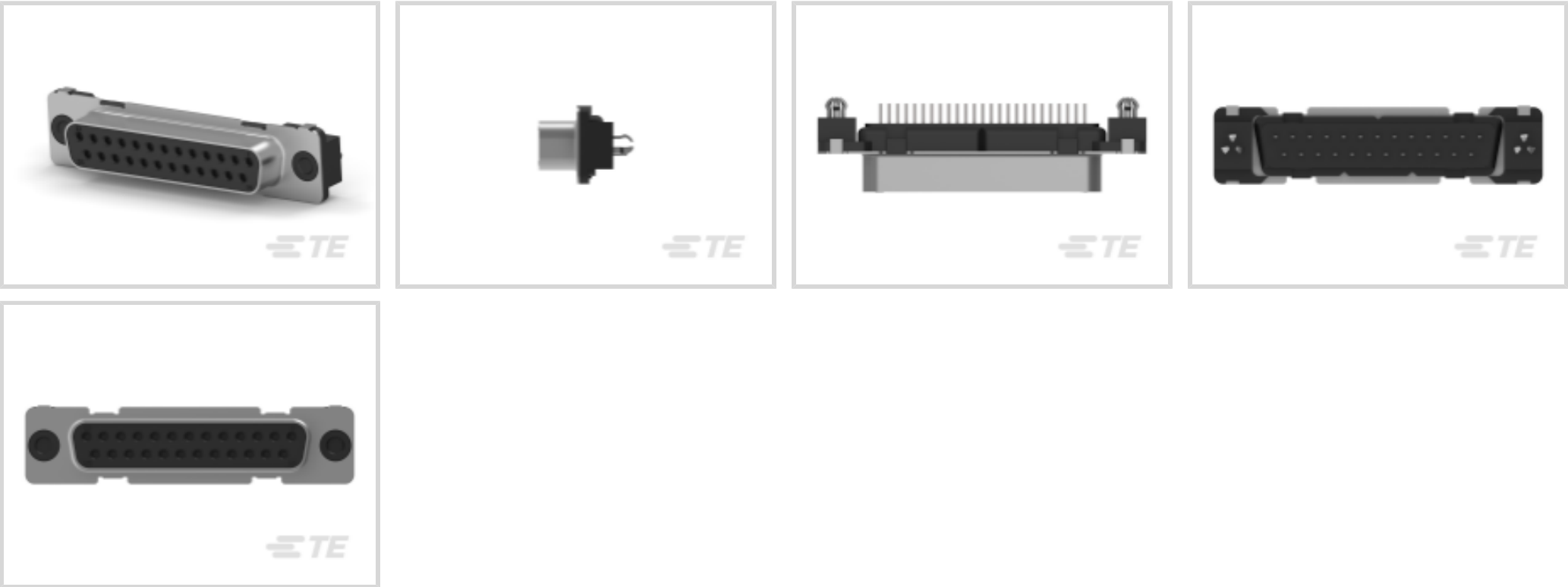




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Vertical, Shell Size 3, 2.77mm



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 \(35\)](#)

Features

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

Body Features

Assembly Process Feature Material	Phosphor Bronze
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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 (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Shape & Form	Round
Contact Current Rating (Max)	6 A

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]

Mechanical Attachment

Mounting Hole Diameter	3.1 mm
Assembly Process Feature Plating Material	Tin
PCB Mount Retention	Without
Mating Retention	Without
Mating Retention Type	Threaded Insert, 4-40 UNC
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.6 mm[.062 in]
Row-to-Row Spacing	2.84 mm[.112 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Durability Rating	200 Cycles
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	30
Packaging Method	Tray

Product Compliance

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

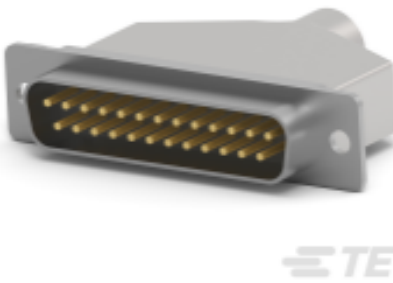
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

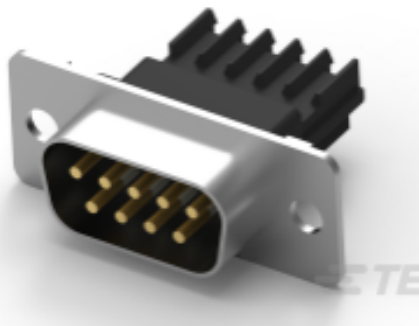
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-AM7-248H4
IDC D-Sub: Connector Kit, Plug, Wire to Wire, Signal, 2.77 mm



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

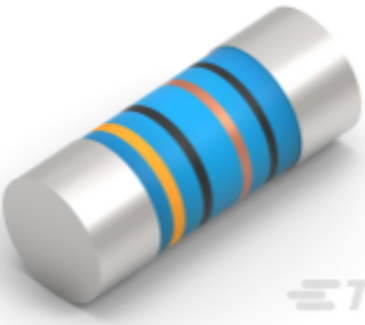


TE Part # CAT-AM7-H3
IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm

Customers Also Bought



TE Part #6-1879026-7
YR1 0.1% 36R5



TE Part #7-2176316-3
MELF SMA_A 82K 1% 50PPM 0207 1W



TE Part #8-1676913-4
YR1 0.1% 316R



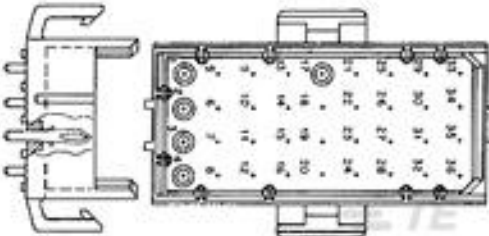
TE Part #1367147-1
SFP COVER, UNPLATED



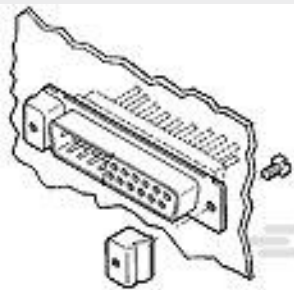
TE Part #3-794633-4
04P MICRO MNL ASSY,VRT,SMT,LF



TE Part #8-1676913-6
YR1 0.1% 324R



TE Part #2-640499-4
04P MR HDR ASSY VO LF



TE Part #208101-2
LATCH BLOCK SZ 1-4 (BULK PAK)



TE Part #2-1445052-3
MICRO MNL HDR ASSY S/ROW LF



TE Part #1-1393779-7
V23101D 6B301

Documents

Product Drawings

25P.HDP20 REC.ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-338315-2_F_c-5-338315-2-f.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_5-338315-2_F_c-5-338315-2-f.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-338315-2_F_c-5-338315-2-f.3d_stp.zip](#)

English

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

Product Specifications

Product Specification

English