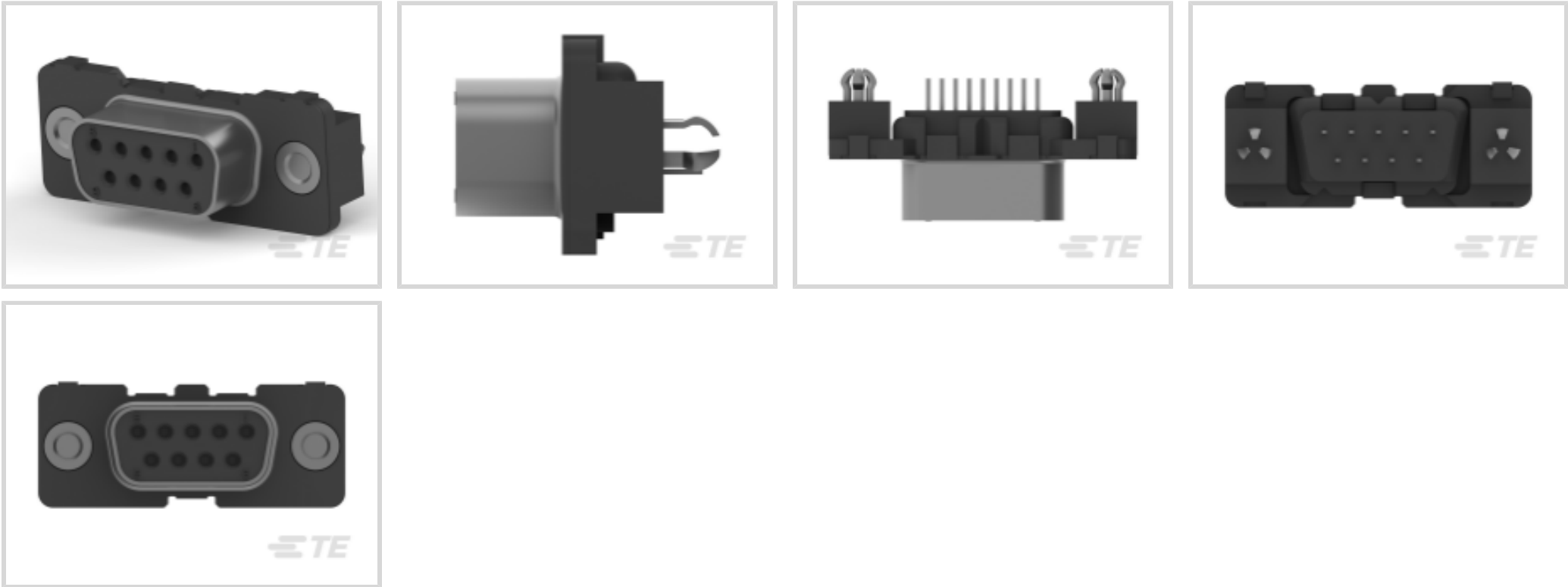




Connectors > D-Shaped Connectors > D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm



Number of Positions: 9

Connector & Housing Type: Receptacle

Connector System: Cable-to-Board

Connector Mounting Type: Board Mount

Connector Shell Size: 1

[All D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm \(37\)](#)

Features

Product Type Features

Shell Material Configuration	Front Metal Shell
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

Assembly Process Feature Material	Phosphor Bronze
Shell Plating Material	Tin



Primary Product Color	Black
Connector Profile	Standard

Contact Features

	30 μin
Contact Underplating Material	Nickel
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
Contact Options	Installed

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	5 mm
Assembly Process Feature Plating Material	Tin
Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Threaded Insert, 4-40 UNC

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]
Row-to-Row Spacing	2.84 mm[.112 in]

Usage Conditions

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

Durability Rating	200 Cycles
Shielded	No
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	55
Packaging Method	Tray

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

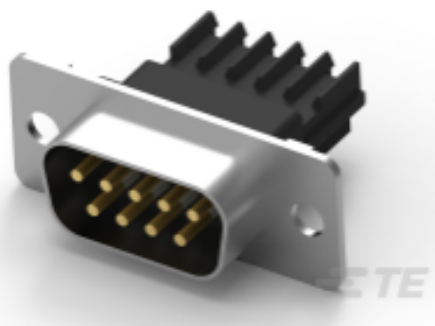
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (.35% in 74025572) 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

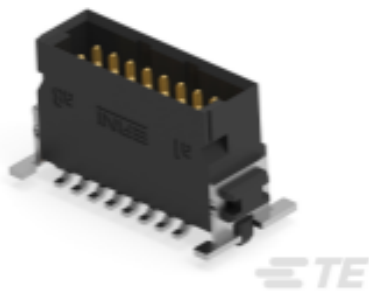
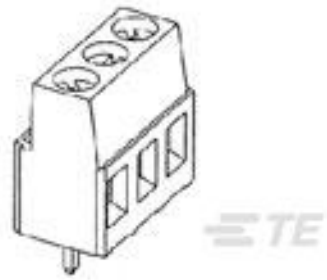
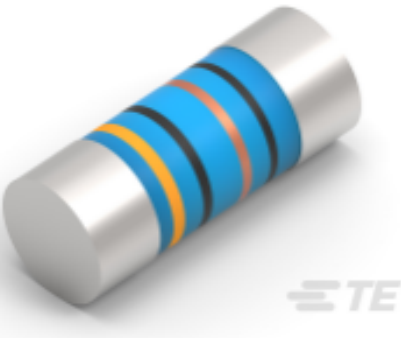
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-747944-5 09 SHLDG ENCL PLUG,LEAD FREE	 TE Part # CAT-AM7-H3 IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm	 TE Part # 206509-1 SIZE 20 KEYING PLUG
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Customers Also Bought

 TE Part #CN2896-000 SBP080150WE10	 TE Part #254536-E SMCQ 16 M AB VV 8-03 CL * H007 137 E005	 TE Part #225255-E M12 MALE, A CODE, RA, 4P THR REAR MOUNT	 TE Part #1-338311-2 25POS.HD20 PLUG ASS
 TE Part #350586-1 09P UMNL PIN HDR ASSY V2 NATL	 TE Part #2-796683-4 TERMI-BLOK PCB MOUNT 90 24P.	 TE Part #1-1676481-9 CPF 0603 30R 0.1% 25PPM 1K RL	 TE Part #2-1761609-6 IDC LOW PRO HDR 16P RA SHT LAT
 TE Part #9-1879337-2 CPF 0603 22K1 1% 50PPM 1K RL	 TE Part #1-2176315-7 MELF SMA_A 2K2 0.1% 15PPM 0204 0.4W		

Documents

Product Drawings
9POS.HD-20 REC.ASSY

English

CAD Files
3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1-338313-2_E_c-1-338313-2-e.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-338313-2_E_c-1-338313-2-e.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-338313-2_E_c-1-338313-2-e.3d_stp.zip](#)

English

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