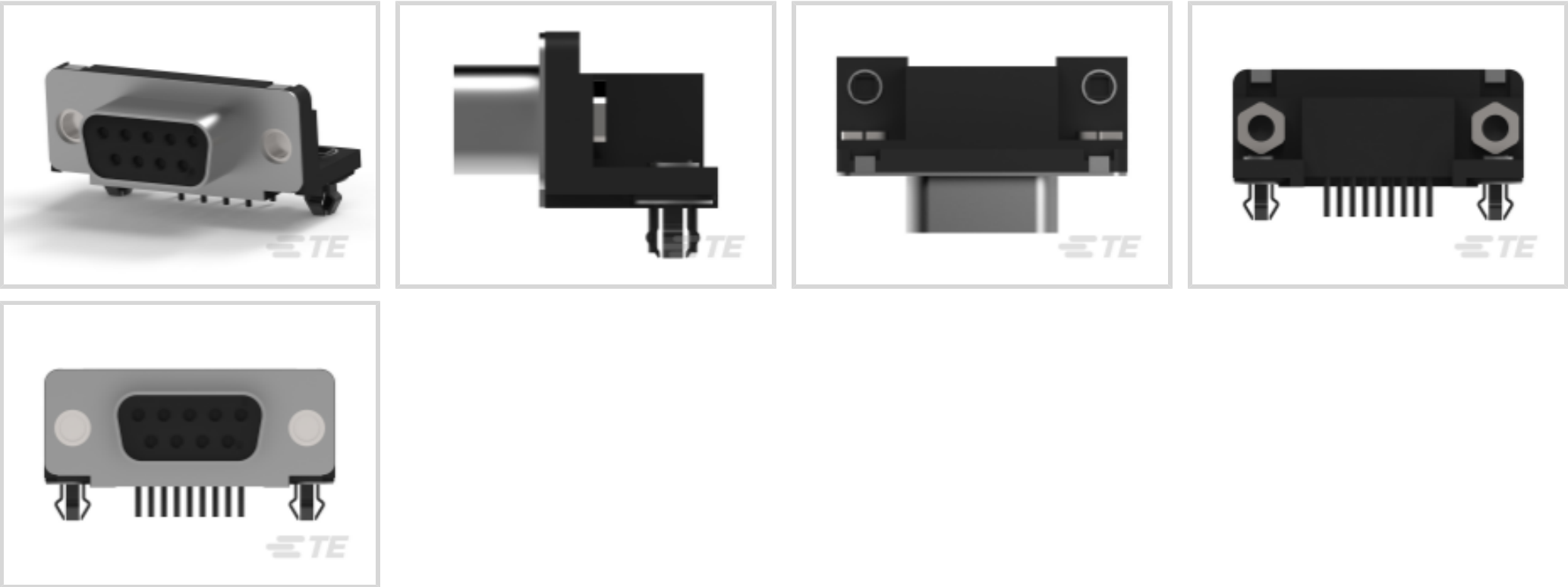




Connectors > D-Shaped Connectors > D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm



Number of Positions: 9

Connector & Housing Type: Receptacle

Connector System: Board-to-Board

Connector Mounting Type: Board Mount

Connector Shell Size: 1

[All D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm \(64\)](#)

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	1
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Rows	2
Number of Positions	9

Body Features

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

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]

Mechanical Attachment

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

Housing Features

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

Dimensions

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

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	17
Packaging Method	Box & Tube, Tube

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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-AM7-248H3
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

Customers Also Bought

TE Part #1676218-2
RN 0805 1K02 0.1% 10PPM 1KRL

TE Part #1775469-2
HPI CONN., 2.0MM, R/A, SMT, 2P, 80U"

TE Part #6-1625867-8
RP 1J 0.166W 31R6 0.1% 25PPM 1K RL

TE Part #7-1879028-4
RN 0805 301K 0.1% 10PPM 1K RL

TE Part #1676438-2
RN 0805 7K68 0.1% 10PPM 1KRL

TE Part #1487596-3
USB, A-B, 28/24, BLACK, 1.8M

TE Part #1676289-2
RN 0805 2K43 0.1% 10PPM 1KRL

TE Part #5788792-2
09 HTMSFL PLUG RA 318 (IN,BL)

TE Part #5520258-2
MJ,TE,6P/4C,PNL STOPS,TRAY P

TE Part #NB-PTCO-005
Pt100, 2.0x2.3, Class C, PTFC101C1G0

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

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Product Specifications

Product Specification

English

Agency Approvals

UL Report

English