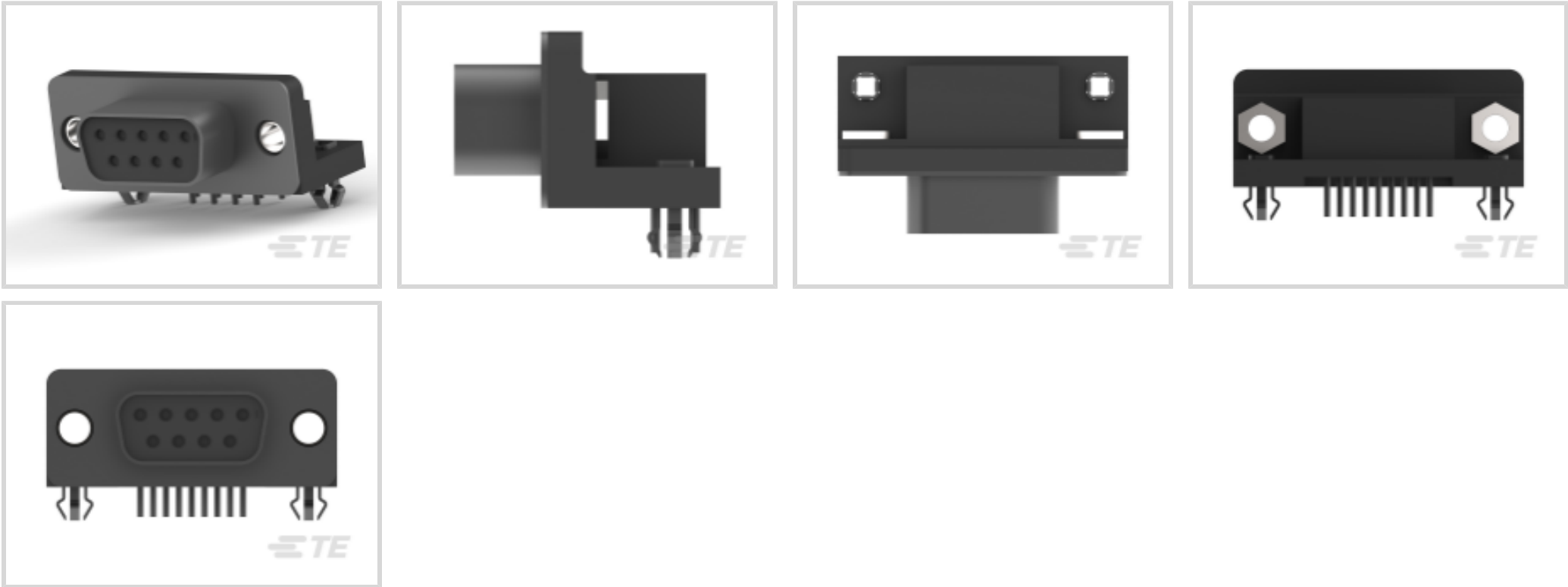




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm



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
Compatible With Approved Standards Products	UL E28476

Termination Features

Termination Post & Tail Diameter	.66 mm[.026 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.18 mm[.125 in]

Packaging Features

Packaging Quantity	130
Packaging Method	Tray

Operation/Application

Shielded	Yes
Circuit Application	Signal



Mechanical Attachment

Mating Retention Feature Plating Material	Clear Chromate
Mounting Feature Plating Material	Tin
Mounting Feature Material	Brass
Mounting Hole Diameter	3.18 mm[.125 in]
Assembly Process Feature Plating Material	Tin-Lead
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Threaded Insert, 4-40 UNC
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-Lead
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]
-----------------------------	----------------------------

Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
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 (13% 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-AM7-248H3
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



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

Customers Also Bought



TE Part #5745187-1
25 RCPT SP/MS STD



TE Part #5499141-6
A/L UNIV HDR 26P RA LG LAT



TE Part #5555979-1
MJ,R/A,6P/4C,TRAY PACK



TE Part #5-103908-1
02 MTE HDR SRST LATCH W/HLDWN



TE Part #9-1393117-4
KUP-14A45-120=KU



TE Part #1825002-5
ADF0404=DIP SWT,FLUSH,THRU/HL



TE Part #320745
TERMINAL,SOLIS R 6 7/16



TE Part #3-1393122-2
KHAU-17A12H-120=KH



TE Part #1825002-6
ADF04T04=DIP SWT,FLUSH,THRU/HL



TE Part #66405-4
III+ SKT,30-26,30AU/FL,LP

Documents

Product Drawings

09 MSFL RCPT RA 318 (IN,FM,BL)

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_747844-4_AC.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_747844-4_AC.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_747844-4_AC.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Agency Approvals

CSA Certificate

English