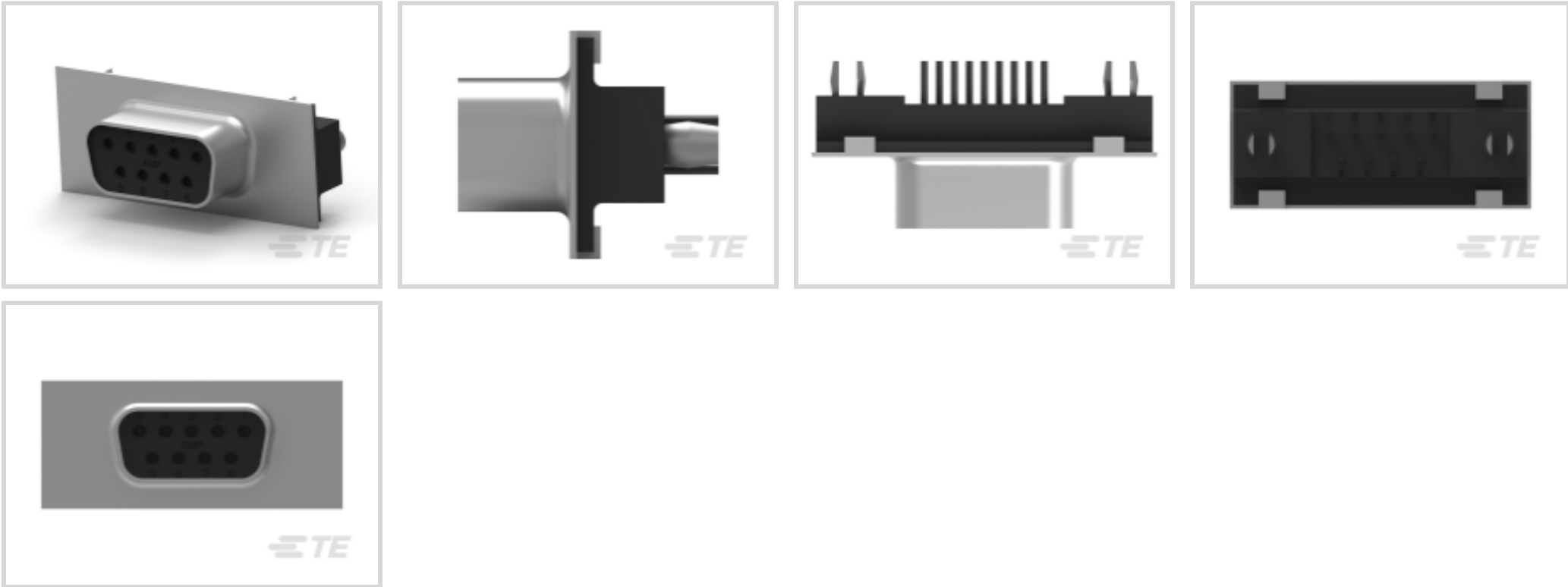




Connectors > D-Shaped Connectors > D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm



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: Vertical, Shell Size 1, 2.74mm \(37\)](#)

Features

Product Type Features

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	Vertical
Number of Rows	2
Number of Positions	9

Body Features

Assembly Process Feature Material	Brass
Shield Plating Material	Tin



Insert Material	Brass
Shield Material	Steel
Shell Plating Material	Tin
Primary Product Color	Black
Connector Profile	Standard

Contact Features

Contact Underplating Material	Copper
PCB Termination Area Plating Finish	Bright
	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	.66 mm[.026 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.18 mm[.125 in]

Mechanical Attachment

PCB Mount Retention	With
Mounting Hole Diameter	3.07 mm[.121 in]
Mating Retention	Without
PCB Mount Retention Type	4-40 Retention Insert
Assembly Process Feature Plating Material	Tin over Copper
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

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

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

Shielded	Yes
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476

Packaging Features

Packaging Quantity	17
Packaging Method	Tube

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.7% in 74019790) 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 # 1-747944-5
09 SHLDG ENCL PLUG, LEAD FREE

Also in the Series | AMPLIMITE HD-20

D-Shaped Connectors(285)

PCB D-Sub Connectors(285)

Customers Also Bought

TE Part #2-5747704-0
25 PLUG SP/FMS BRDLK

TE Part #1-2176345-2
CRGCQ 1210 82R 1%

TE Part #254310-E
M12 FEMALE, A CODE, 8P, 17MM SMT

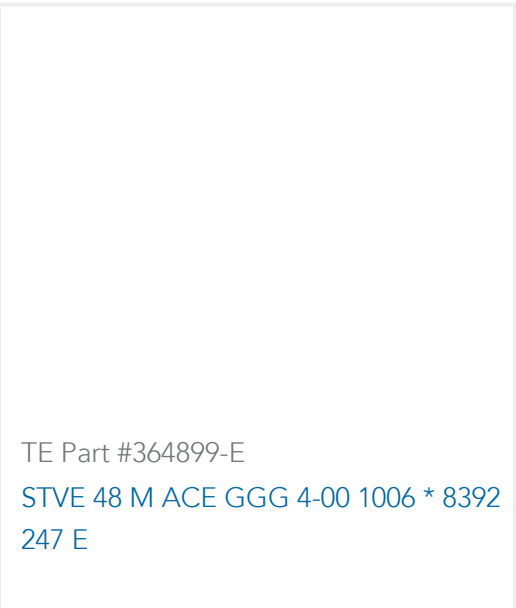
TE Part #66360-8
III+ SKT, 18-14, 30AU/FL, LP

TE Part #8-2176307-4
RP 1E 0.1W 90K9 0.1% 25PPM 5K RL

TE Part #6-104068-0
16 SYSTEM 50 HDR DRST SHRD

TE Part #284541-4
4 POS TERM-BLOK 900 SF 3,81 m

TE Part #350835-4
09P UMNL HDR ASSY PC 94VO LF



Documents

Product Drawings

09 RCPT SP/FMS BRDLK

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_2-5747706-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_2-5747706-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_2-5747706-0_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMPLIMITE Subminiature D Connectors - Straight Posted Connectors

English

Product Specifications

Application Specification

English