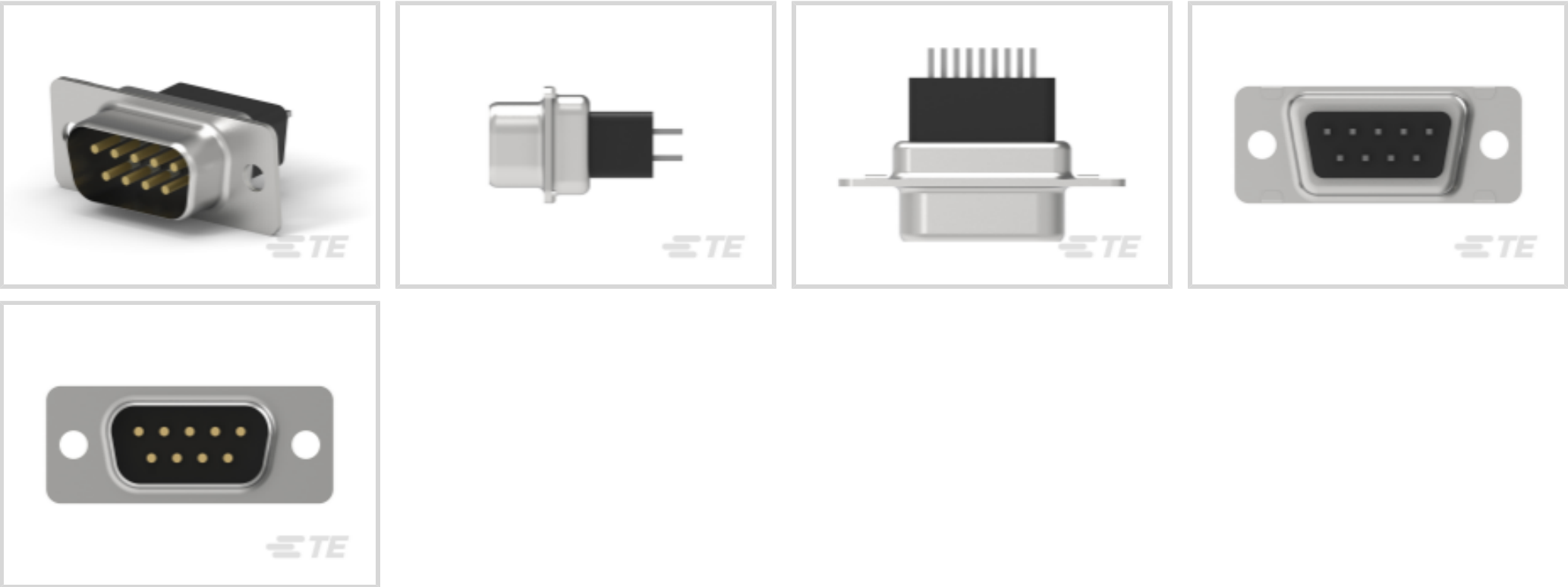




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Standard, Vertical, Shell Size 1, 2.74mm



Connector & Housing Type: Plug

Connector System: Board-to-Board

Number of Positions: 9

Centerline (Pitch): 2.74 mm [.108 in]

Number of Rows: 2

[All D-Sub Plug Assembly: Standard, Vertical, Shell Size 1, 2.74mm \(47\)](#)

Features

Contact Features

	30 µin
Contact Shape & Form	Square
Contact Current Rating (Max)	6 A
Contact Underplating Material	Palladium Nickel
Contact Options	Installed
Contact Mating Area Plating Material	Gold Flash, Gold
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin-Lead

Product Type Features

Connector & Housing Type	Plug
Connector System	Board-to-Board
Connector Shell Size	1
Connector & Contact Terminates To	Printed Circuit Board



Shell Material Configuration	Full Metal Shell
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Configuration Features

Number of Positions	9
Number of Rows	2
PCB Mount Orientation	Vertical

Housing Features

Centerline (Pitch)	2.74 mm[.108 in]
Housing Material	Nylon GF, PBT GF
Shell Material	Carbon Steel

Dimensions

Row-to-Row Spacing	2.84 mm[.112 in]
PCB Thickness (Recommended)	1.57 mm, 2.36 mm[.062 in][.093 in]

Body Features

Connector Profile	Standard
Insert Material	Polyamide, GV
Shell Plating Material	Zinc
Primary Product Color	Black

Mechanical Attachment

PCB Mount Retention	Without
Mating Retention	Without
Connector Mounting Type	Board Mount
Mounting Hole Diameter	3.05 mm

Operation/Application

Circuit Application	Signal
Shielded	No

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

Termination Features

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Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.18 mm[.125 in]
Square Termination Post & Tail Dimension	.63 mm[.025 in]

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	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-AM7-253
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm

TE Part # 747516-7
09 HDE PMOLD RCPT, LEAD FREE

TE Part # CAT-AM7-248H8
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.74 mm

TE Part # 3-1393483-8
V42254A1115B209-SUB D FEDERLEI

TE Part # CAT-AM7-248H6
IDC D-Sub: Receptacle Kit, Wire to Wire, Signal, 2.74 mm

Also in the Series

AMPLIMITE HD-20

PCB D-Sub Connectors(353)

Customers Also Bought

TE Part #1-1734037-6
Champ 050 series 160pos, Au over PdNi

TE Part #1-2176049-5
RLP73N 1E R20 1% 1K RL

TE Part #CSE-SGAM-610-SGFB
SMA to SMA 610mm RG316

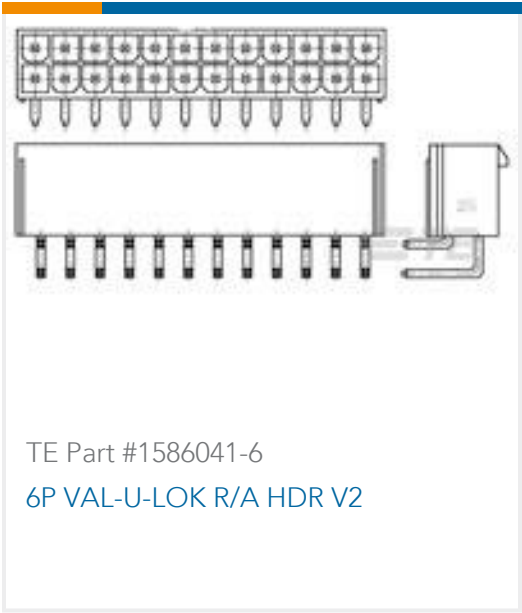
TE Part #640456-4
04P MTA100 HDR ASSY F/L SQ STR

TE Part #2323766-1
DD-DD, 30AWG 2-8PR, 0.5M

TE Part #5555140-1
MJ,LPF,R/A,6P/6C,SHLD,PNL GRD

TE Part #5-2337939-8
PCIE GEN4 CON,SMT,164POS,30u", MYLAR,HT

TE Part #1734101-7
Champ050 series,68pos,Au over PdNi



Documents

Product Drawings

09 PLUG SP/MS STD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_205733-1_AE.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_205733-1_AE.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_205733-1_AE.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

UL Report

English