

HD-20 PLUG 9P VERT FFSCRLK

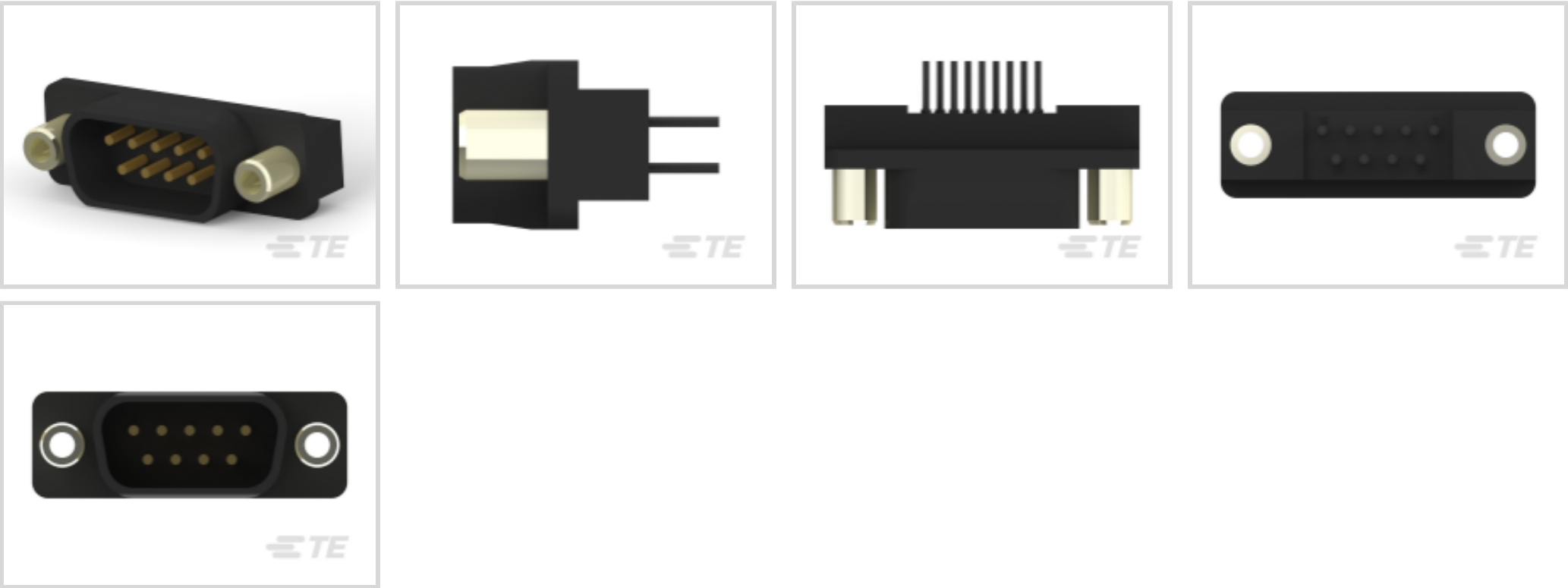
✓ ACTIVE

AMPLIMITE

TE Part # 5745071-4
TE Internal #: 5745071-4
[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors



Connector Style: **Plug**
Connector System: **Board-to-Board**
Number of Positions: **9**
Centerline (Pitch): **2.74 mm [.108 in]**
Number of Rows: **2**

Features

Product Type Features

Grounding Indents	Without
Grounded	No
Grounding Straps	Without
Shell Type	All Plastic
Connector Style	Plug
Connector System	Board-to-Board
Row-to-Row Spacing	.112 in, 2.84 mm
Shell Size	1
Profile	Standard
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Shielded	No
Product Type	Connector

Configuration Features

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

Body Features

Female Screwlock Material	Brass
Plastic	Yes
Female Screwlock Plating Material	Nickel over Copper Flash
Post Size	.66 mm[.026 in]

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Shape	Round
Contact Current Rating (Max)	6 A
	30 μin
Contact Mating Area Plating Material	Gold

Termination Features

Grounding Clips	Without
Termination Post Length	4.32 mm[.17 in]

Mechanical Attachment

Panel Mount Feature	Without
PCB Mounting Style	Through Hole
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Connector Lock	With
Mating Connector Lock Type	Female Screwlocks, Fixed
Connector Mounting Type	Board Mount
Mounting Hole Diameter	3.05 mm[.12 in]

Housing Features

Centerline (Pitch)	2.74 mm[.108 in]
Housing Material	Polyester
Housing Color	Black



Dimensions

PCB Thickness (Recommended)	2.36 – 3.18 mm[.093 – .125 in]
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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 Method	Tube
Packaging Quantity	17

Other

Comment	Plugs are preloaded with size 20 DF posted pin contacts
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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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished

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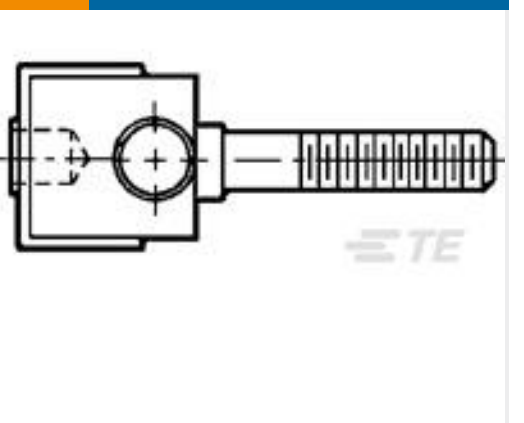
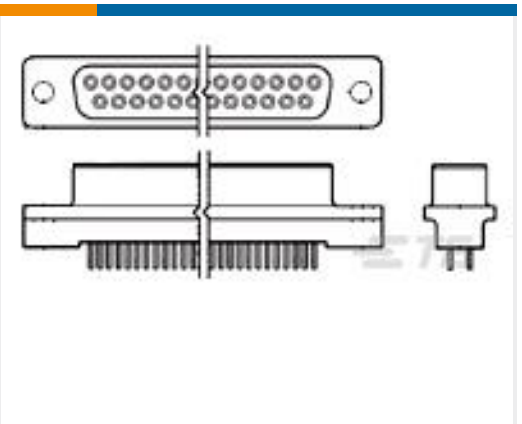
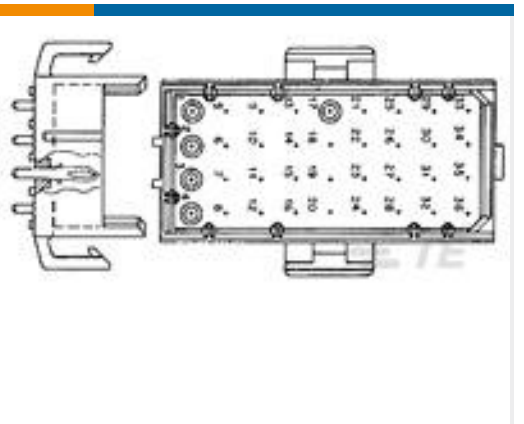


product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

 TE Part # 745201-7 09 HDE AP RECEPT, LEAD FREE	 TE Part # 1658614-4 09 POS HDF RCPT, AP, LEAD FREE	 TE Part # 3-1393483-8 V42254A1115B209=SUB D FEDERLEI	 TE Part # 1658609-4 09 POS HDF RCPT, AP, LEAD FREE
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Customers Also Bought

 TE Part #535059-4 064 EURO TYPE C RECEPT AP ASSY	 TE Part #641974-3 12P UMNL PIN HDR ASSY 94VO LF	 TE Part #5532903-2 ASSY,RECP,T,R.ANGLE, HDI,LEAD-FR	 TE Part #532924-3 HDI POWER CONTACT ASSY
 TE Part #208223-1 CPC RECP ASSEMBLY SIZE 13-9	 TE Part #5745076-6 HD-20 RCPT 9P VERT FFSCRLK	 TE Part #2-640502-2 12P MR HDR ASSY VO RED LF	 TE Part #103783-7 14 MODII HDR DRST B/A . 100CL
 TE Part #5745073-3 HD-20 PLUG 25P VERT FFSCRLK	 TE Part #745071-4 09 PLUG SP/AP SCRLK		

Documents

Product Drawings
HD-20 PLUG 9P VERT FFSCRLK



English

CAD Files

Customer View Model

[ENG_CVM_5745071-4_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_5745071-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_5745071-4_A.3d_stp.zip](#)

English

3D PDF

English

Datasheets & Catalog Pages

[AMPLIMITE Subminiature D Connectors - Straight Posted Connectors](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English