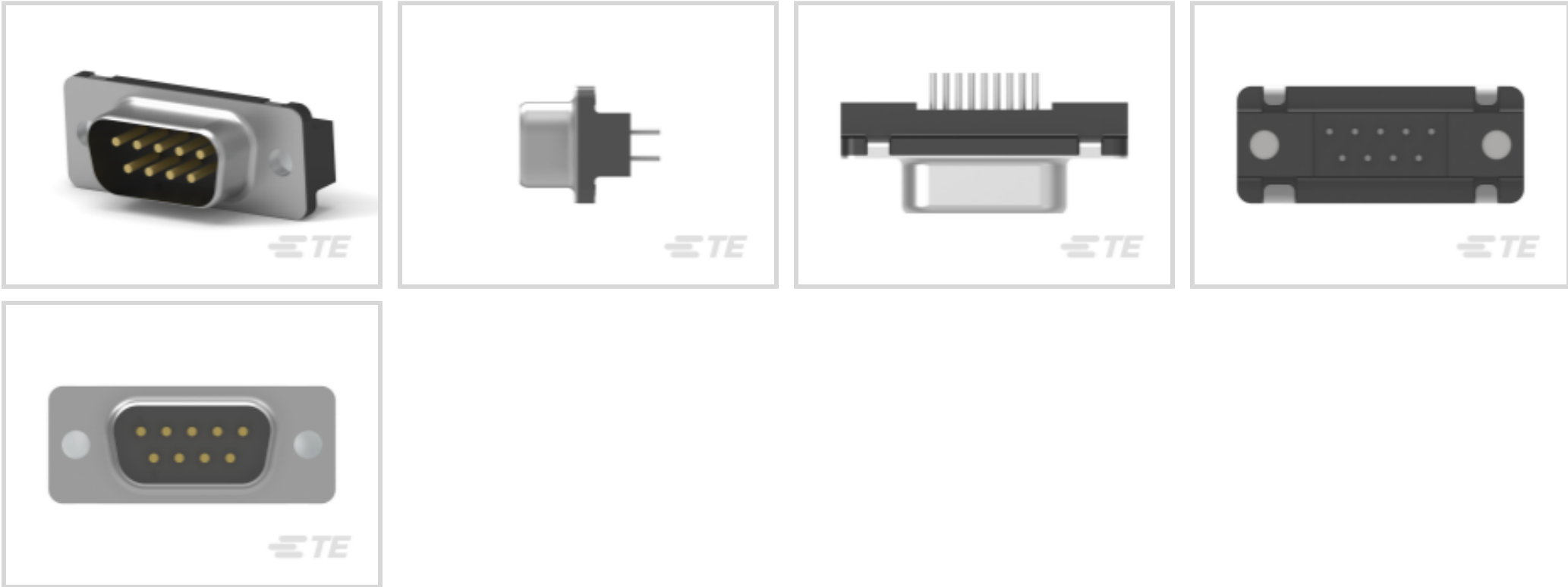




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors



Connector & Housing Type: **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	With
Grounding Straps	Without
Shell Type	Front Metal Shell
Connector & Housing Type	Plug
Connector System	Board-to-Board
D-Sub Shell Size	1
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Connector

Configuration Features

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



Body Features

Plastic	No
Connector Profile	Standard
Shell Material	Carbon Steel
Shell Plating Material	Tin
Post Size	.66 mm[.026 in]

Contact Features

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

Termination Features

Grounding Clips	Without
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	3.18 mm[.125 in]

Mechanical Attachment

Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention	Without
Connector Mounting Type	Board Mount
Mounting Hole Diameter	3.05 mm[.12 in]

Housing Features

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

Dimensions

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

Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0

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	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
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 2020 (205) Candidate List Declared Against: JAN 2020 (205) Pb (13% in Component Part)
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not lead free process capable








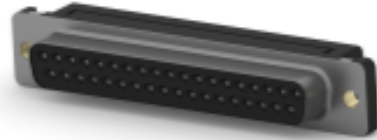


Product Compliance Disclaimer

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 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

 <p>TE Model / Part # 1-747943-6 KIT, RCPT, 9P, HDE, SHLD ENCLSRE</p>	 <p>TE Model / Part # 1-745491-9 RCPT ASSY, 9P, HDE, MS</p>	 <p>TE Model / Part # 5746861-4 9 POS HDF RCPT, MS</p>	 <p>TE Model / Part # 3-1393483-8 V42254A1115B209=SUB D FEDERLEI</p>
 <p>TE Model / Part # 1-745491-6 09 HDE MS RCPT, 26-30, LEAD FREE</p>	 <p>TE Model / Part # 1658612-4 09 POS HDF RCPT, MS, LEAD FREE</p>	 <p>TE Model / Part # 747516-7 09 HDE PMOLD RCPT, LEAD FREE</p>	 <p>TE Model / Part # 1658610-4 09 POS HDF RCPT, MS, LEAD FREE</p>
 <p>TE Model / Part # 1-745491-7 09 HDE MS RCPT, 22-26, LEAD FREE</p>	 <p>TE Model / Part # 1-747943-5 KIT, RCPT, 9P, HDE, SHLD ENCLSRE</p>		

Also in the Series | **AMPLIMITE HD-20**



Customers Also Bought

TE Model / Part #747299-2
15 RCPT SP/FMS STD

TE Model / Part #747150-2
09 RCPT SP/FMS STD

TE Model / Part #770969-2
06P MINI UMN L R/A HDR ASSY AU

TE Model / Part #5499206-2
A/L UNIV HDR 14P VERT LG LAT

TE Model / Part #104128-3
016 LOPRO HDR SP 30DP LATCH

TE Model / Part #535059-4
064 EURO TYPE C RECEPT AP ASSY

TE Model / Part #103908-4
05 MTE HDR SRST LATCH W/HLDWN

TE Model / Part #5747871-2
09 PLUG SP/FMS STD

TE Model / Part #103185-3
03 MODII HDR SRST B/A .100CL

TE Model / Part #146870-1
B/A REELED SRST HDR ASSY 30 AU

Documents

Product Drawings
09 PLUG SP/FMS STD

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_747871-2_P.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_747871-2_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_747871-2_P.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English