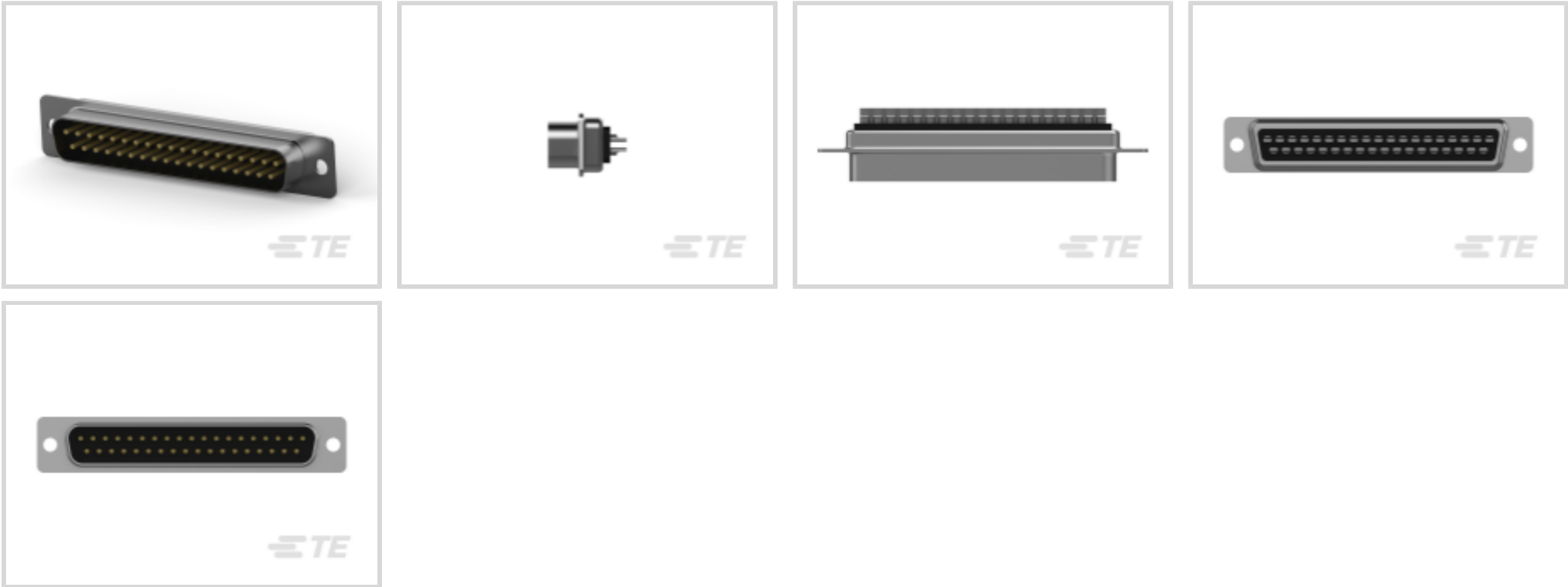




Connectors > D-Shaped Connectors > D-Sub Connectors > Solder D-Sub Connectors



Connector & Housing Type: **Plug**
Connector System: **Cable-to-Board**
Number of Positions: **37**
D-Sub Contact Size: **20**
D-Sub Shell Size: **4**

Features

Product Type Features

Grade	Standard
Grounding Indents	With
Product Type	Connector
Shell Type	Full Metal Shell
Connector & Housing Type	Plug
Connector System	Cable-to-Board
D-Sub Shell Size	4
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Preloaded	Yes
Number of Positions	37

Body Features

Shell Material	Steel
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Color	Black
Insert Material	Thermoplastic
Shell Plating Material	Tin

Contact Features

Contact Type	Pin
	.8 µin
Contact Mating Area Plating Material	Gold Flash
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Copper
Contact Base Material	Phosphor Bronze
D-Sub Contact Size	20
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Solder
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Mechanical Attachment

Mounting Angle	Straight
PCB Mount Retention Type	None
Mating Retention	With
Mating Retention Type	Mounting Holes
Connector Mounting Type	Board Mount

Housing Features

Enclosure	Without
Centerline (Pitch)	2.77 mm[.11 in]

Dimensions

Wire Size	.5 – .6 mm²
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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

Insert Flammability Rating	UL 94V-0
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UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tray
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Hand solderable with lead free solder

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





TE Part # CAT-023-DRARS4277
D-Sub Receptacle Assembly: Right Angle, Shell Size 4, 2.77mm



TE Part # CAT-AM7-248H5
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.77 mm

Customers Also Bought



TE Part #205210-3
D-Sub Crimp: Plug, Signal, 37 Posn, Pin Size 20, Shell Size 4



TE Part #1658670-2
D-Sub Connector Contacts: Pin, Brass, Signal, Size 22



TE Part #2-643075-0
Nylon PCB Connector Covers: 2.54 mm, MTA 100



TE Part #1658686-2
D-Sub Conn Contacts: Socket, Phosphor Bronze, Signal, Size 22



TE Part #2-326875-4
PIDG RING TONGUE TERMINALS



TE Part #1757819-6
AMPLIMITE,ASY,PLUG,STD,109,ZN,1, CT



TE Part #102387-4
20 MODIV HSG COMP DR .100 POL



TE Part #204370-2
PIN CONTACT,Sz22D,22-28 AWG



TE Part #YDTS20W13-35SBV001
D38999: Square Flange, 13-35 insert



TE Part #1742601-1
187 FASTON,REC.,16-12 AWG,TPBR

Documents

Product Drawings

37 Plug Solder Cup, Gold Flash

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-747916-2_T.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_5-747916-2_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-747916-2_T.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 - Cable Connectors](#)

English

[AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG](#)

English

Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL Report](#)

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[UL Report](#)

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