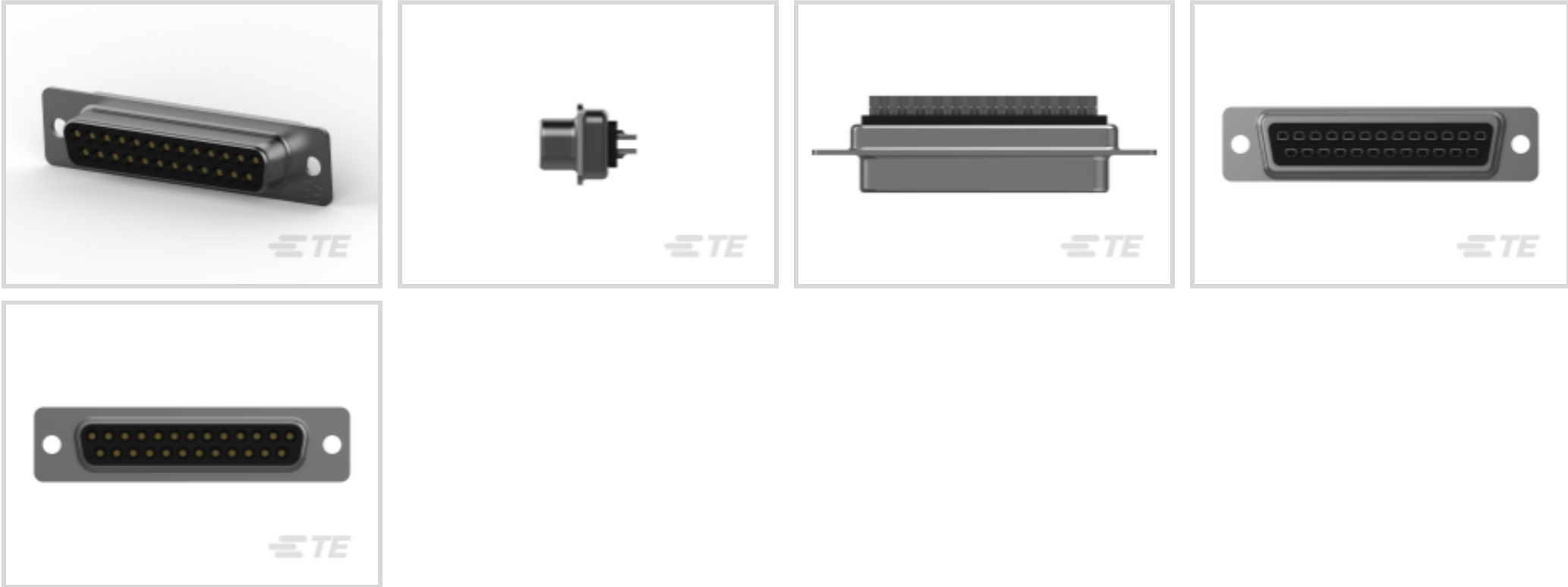




Connectors > D-Shaped Connectors > D-Sub Connectors > Solder D-Sub Connectors



Connector & Housing Type: **Receptacle**
Connector System: **Cable-to-Board**
Number of Positions: **25**
Contact Size: **Size 20**
Connector Shell Size: **3**

Features

Product Type Features

Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector Shell Size	3
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	25
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Body Features

Insert Material	Thermoplastic
Cable Exit Angle	180°
Shell Plating Material	Tin
Primary Product Color	Black

Contact Features

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Contact Type	Socket
	.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
Contact Size	Size 20
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Solder
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Mechanical Attachment

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

Housing Features

Shell Material	Steel
Centerline (Pitch)	2.77 mm[.11 in]

Dimensions

Wire Size	.5 – .6 mm ²
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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
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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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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 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-025-DPAVS3274
D-Sub Plug Assembly: Vertical, Shell Size 3, 2.74mm



TE Part # CAT-023-DPARS3274
D-Sub Plug Assembly: Standard, Right Angle, Shell Size 3, 2.74mm



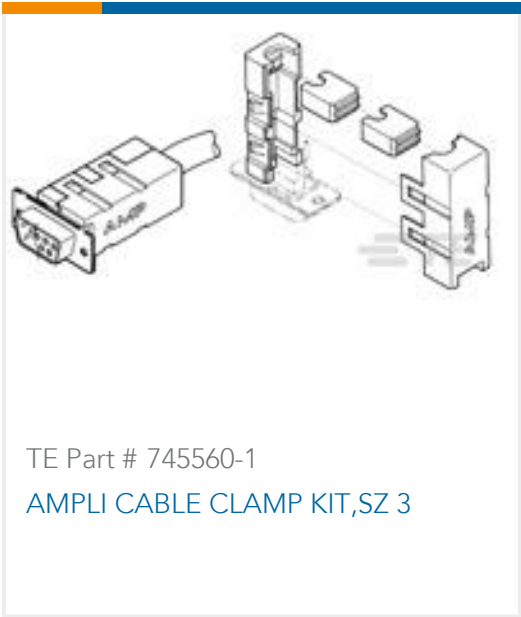
TE Part # 1-745496-9
PLUG ASSY,25P,HDE,MS



TE Part # 2-1478762-5
METAL BACKSHELL 25 WAY TOP E



TE Part # 5-747912-2
25 Plug Solder Cup, Gold Flash



TE Part # 745560-1
AMPLI CABLE CLAMP KIT,SZ 3

Customers Also Bought

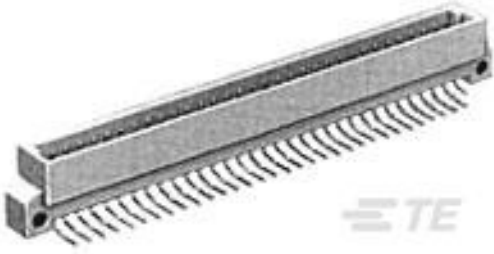




TE Part #5-747904-2
9 Plug Solder Cup, Gold Flash,



TE Part #5-747905-2
9 Rcpt Solder Cup, Gold Flash,



TE Part #6-1393644-3
V42254B1200B610=PC612 MESSERLE



TE Part #4-794638-6
16P MICRO MNL ASSY,VRT,SMT,LF



TE Part #1879213-4
CPF 0402 28R 0.1% 25PPM 1K RL



TE Part #1-102241-8
20 MODIV HSG COMP SR .100 POL



TE Part #5-747916-2
37 Plug Solder Cup, Gold Flash



TE Part #1-1623822-8
ER17 SPC 680R 5% AMMO

Documents

Product Drawings

25 Rcpt Solder Cup, Gold Flash

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-747913-2_W.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-747913-2_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-747913-2_W.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



Connector, Trio-Mate, FF Discrete Circuit, .100 Centerline

English

Product Specification

Japanese

Product Specification

English

Product Environmental Compliance

MD_5-747913-2_07032014851_dmtec

English

MD_5-747913-2_07032014851_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English