

26 50S CABLE PLUG CONN/COV KIT

✓ ACTIVE

AMPLIMITE | AMPLIMITE 0.50 Series

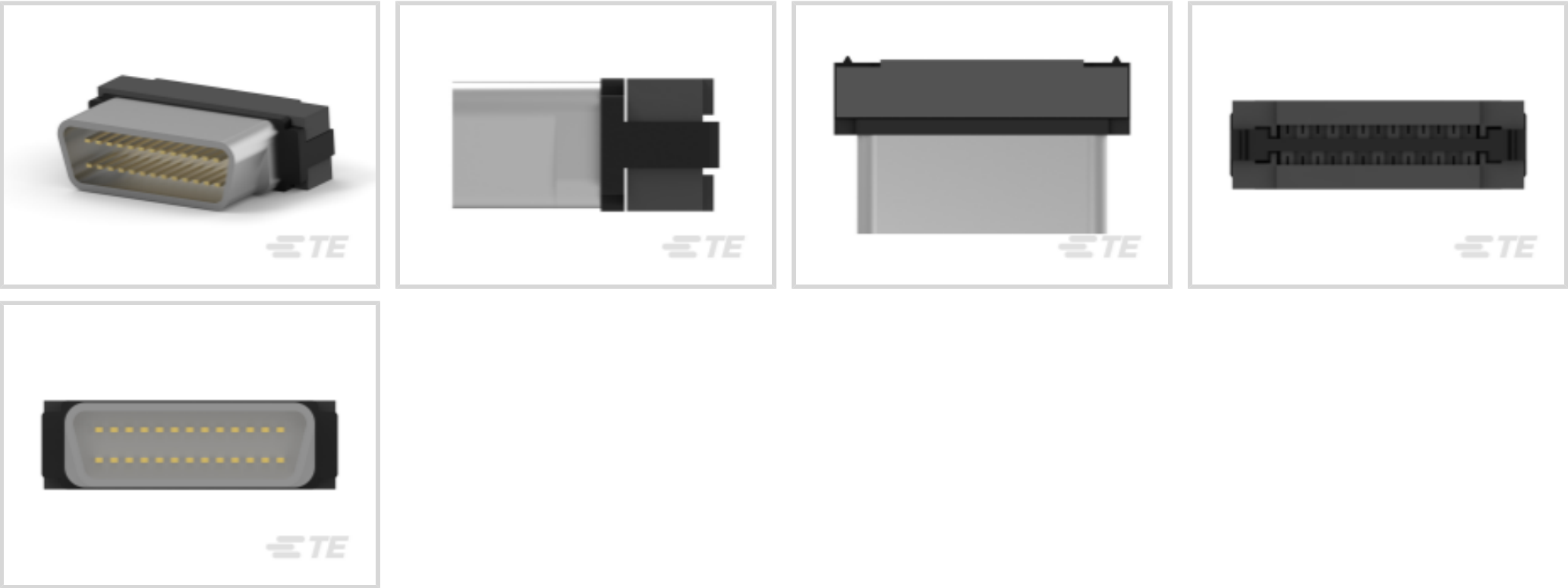
TE Part # 5749621-2

TE Internal #: 5749621-2

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Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors



Connector Style: **Plug**

Solid Wire Size: **.05 – .1 mm²**

Shielded: **Yes**

Connector System: **Cable-to-Board, Cable-to-Cable**

Features

Product Type Features

Rails	Without
Product Type	Connector
Connector Style	Plug
Shielded	Yes
Connector System	Cable-to-Board, Cable-to-Cable
Wire/Cable Type	Round Jacketed Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	26
Number of Rows	2
Preloaded	Yes

Body Features

Color	Black
	.025 in
Cover Material	Thermoplastic

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Plug Shell Plating Material	Tin-Nickel Alloy
Plug Shell Material	Steel
Shell Material	Steel
Shell Plating Material	Tin over Copper

Contact Features

Contact Mating Area Plating Material	Gold Flash over Palladium Nickel, Gold
	30 μin
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A

Termination Features

Termination Cover Type	Standard
Termination Cover Method	Unassembled
Termination Cover	Without
Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)

Mechanical Attachment

Mounting Angle	None
Mating Connector Lock	Without
Panel Mount Feature	Without
Mating Connector Lock Type	Latch Blocks
PCB Mount Retention Type	None
Detent	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Thermoplastic
Housing Color	Black
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Insulation Diameter (Max)	.91 mm
Accepts Wire Insulation Diameter Range	.74 – .91 mm[.029 – .036 in]
Solid Wire Size	.05 – .1 mm²

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Wire Size	.05 – .09 mm²
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Cover Flammability Rating	UL 94V-0
Packaging Features	
Packaging Method	Package
Packaging Quantity	21
Other	
Comment	Plug connector requires backshell kit for complete assembly

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 2019 (197) Candidate List Declared Against: JUL 2017 (174)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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

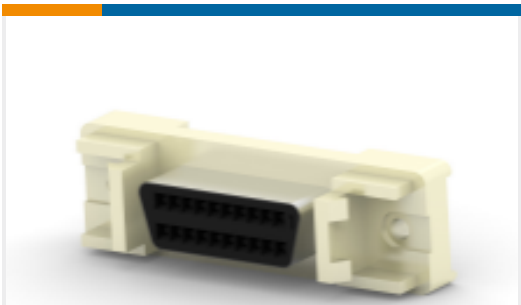


product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles 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 # 5786554-2
26 50SR VRT RCPT,L,R,
ACT PIN



TE Part # 5749069-2
26 50SR VERT RCPT ASSY

Also in the Series | **AMPLIMITE 0.50 Series**



D-Sub Backshells & Clamps
(32)



D-Sub Covers(20)



D-Sub Locking & Mounting
(9)



IDC D-Sub Connectors(78)



PCB D-Sub Connectors
(212)

Customers Also Bought



TE Part #1-5749111-0
26 50SR CABLE PLUG
ASSY



TE Part #749608-2
26 50SR KIT, ST, UK



TE Part #5749621-5
50 50S CABLE PLUG
CONN/COV KIT



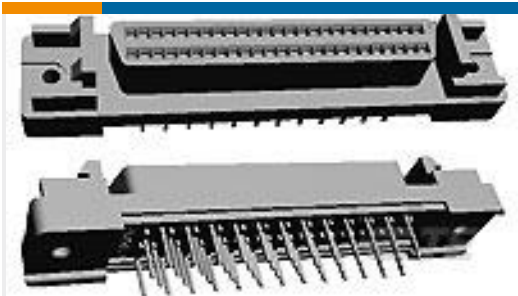
TE Part #5749202-2
50 50SR KIT,75D,UK

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TE Part # 5749621-2
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TE Part #5749609-1
26 50SR CABLE KIT-BULK
PCKG



TE Part #5749069-2
26 50SR VERT RCPT ASSY



TE Part #1658539-1
PIN CONT DUPL PLT
STRIP HD-20



TE Part #1761028-1
26 50SR R/A RCPT ASSY,
LEAD FREE



TE Part #5750913-2
26 50SR CABLE CONN KIT



TE Part #1-456401-6
CRIMPER, WIRE .042 "F"

Documents

Product Drawings

26 50S CABLE PLUG CONN/COV KIT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5749621-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5749621-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5749621-2_A.3d_stp.zip

English

Datasheets & Catalog Pages

AMPLIMITE Subminiature D Connectors - .050 Series Connector

English

Product Specifications

Application Specification

English

Instruction Sheets

Customer Manual (U.S.)

English

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