



Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Receptacle Kit, Panel Mount, Signal, 1.27 mm



Connector & Housing Type:

Receptacle

Solid Wire Size:

.05 – .1 mm²

Shielded:

No

Connector System:

Cable-to-Panel

All IDC D-Sub: Receptacle Kit, Panel Mount, Signal, 1.27 mm (7)

Features

Product Type Features

Rails	Without
Connector & Housing Type	Receptacle
Connector System	Cable-to-Panel
Connector Product Type	Connector Kit
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	50
Number of Rows	2
Compatible With Wire & Cable Type	Flat Ribbon Cable, Round Jacketed Cable

Body Features

Bracket Material	Zinc
Color	Black
Bracket Plating Material	Nickel over Copper
Cover Material	Polyester
Ribbon Cable Centerline Spacing	.64 mm[.025 in]
Shell Material	Carbon Steel
Shell Plating Material	Nickel over Copper



Contact Features

	30 µin
Contact Mating Area Plating Material	Gold, Gold Flash
Contact Underplating Material	Nickel, Palladium 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	Assembled
Termination Cover	With
Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)

Mechanical Attachment

Mating Connector Lock	With
Mounting Angle	None
Mating Connector Lock Type	Latch Blocks
Panel Mount Feature	With
PCB Mount Retention Type	None
Detent	Without
Screw & Hole Thread Size	2-56 UNC
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Insulation Diameter (Max)	.79 mm
Accepts Wire Insulation Diameter Range	.74 – .79 mm[.029 – .031 in]
Solid Wire Size	.05 – .1 mm²
Wire Size	.05 – .09 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Cover Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Kit
Packaging Quantity	10

Product Compliance

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


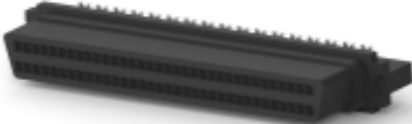
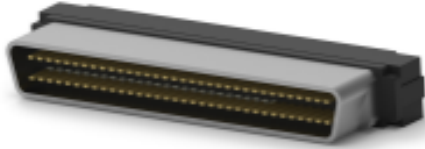

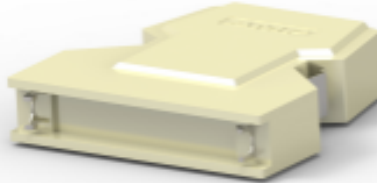
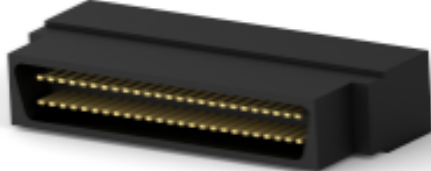




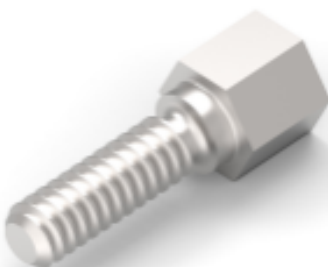
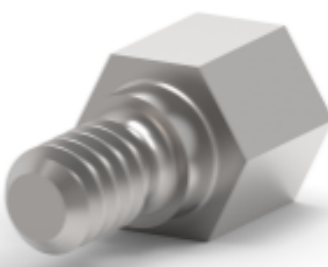
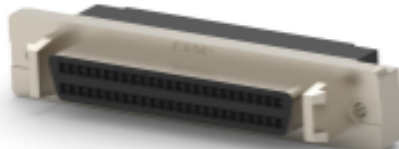

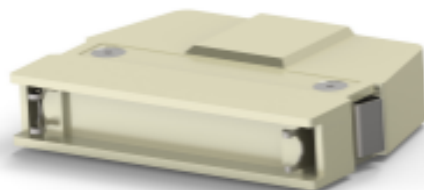

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: DEC 2012 (138) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

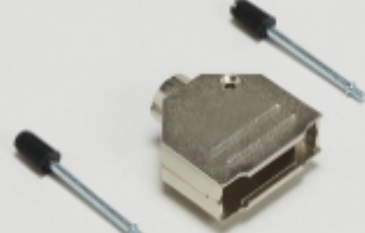



This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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.

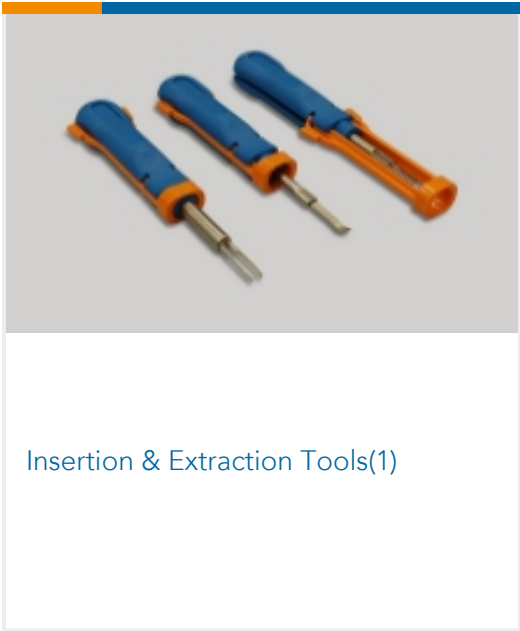


Compatible Parts

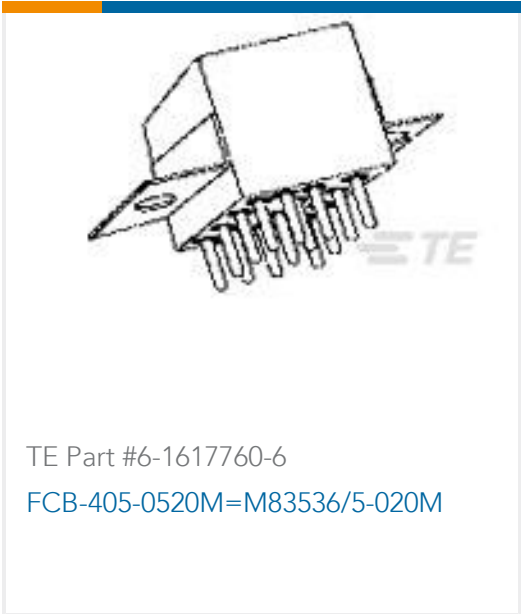
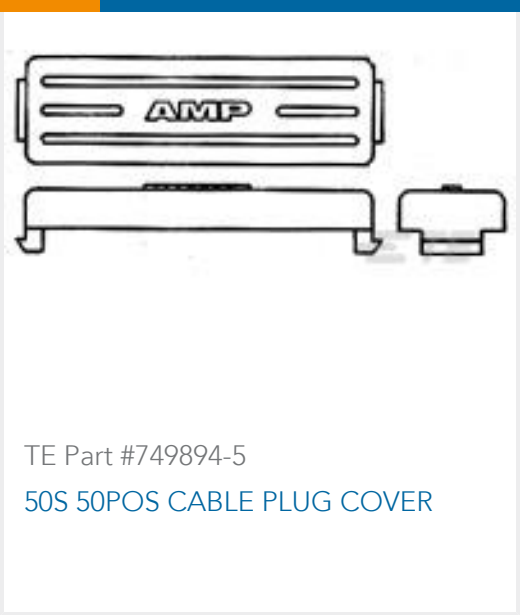
 <p>TE Part # CAT-AM7-2250 IDC D-Sub: Plug Assembly, Signal, 1.27 mm</p>	 <p>TE Part # CAT-AM7-225072 IDC D-Sub: Receptacle Kit, Cable to Cable, Signal, 1.27 mm</p>	 <p>TE Part # CAT-AM7-22507 IDC D-Sub: Connector Kit, Plug, Signal, 1.27 mm</p>	 <p>TE Part # 5749193-1 50 50SR KIT,ST,UK</p>
 <p>TE Part # 5749889-3 50 50SR KIT,ST,UK</p>	 <p>TE Part # 5390377-5 50 POS A/P PLUG 25 CL 30AU</p>	 <p>TE Part # 5749210-5 50 50SR CABLE RCPT ASSY</p>	 <p>TE Part # 786585-3 50SR SCREWLOCK KIT,BULK,FEMALE</p>
 <p>TE Part # 786585-2 50SR SCREWLOCK KIT,FEMALE</p>	 <p>TE Part # 749087-1 50SR SCREWLOCK KIT,FEMALE</p>	 <p>TE Part # 749087-4 50SR SCREWLOCK KIT,FEMALE</p>	 <p>TE Part # 749087-3 50SR SCREWLOCK KIT,FEMALE</p>
 <p>TE Part # CAT-AM7-436507 IDC D-Sub: Receptacle Assembly, Panel Mount, Signal, 1.27 mm</p>	 <p>TE Part # 5749080-1 50 50SR BSHLL KIT,M/J-SCR</p>	 <p>TE Part # 5749193-2 50 50SR KIT,ST,UK</p>	 <p>TE Part # 749087-2 50SR SCREWLOCK KIT,FEMALE</p>

Also in the Series | AMPLIMITE 0.50 Series

 <p>D-Sub Backshells & Clamps(31)</p>	 <p>D-Sub Covers(20)</p>	 <p>D-Sub Locking & Mounting(8)</p>	 <p>IDC D-Sub Connectors(77)</p>
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Customers Also Bought



Documents

Product Drawings

50 50SR PANEL MOUNT RCPT S/A, ROHS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-786862-5_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_6-786862-5_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-786862-5_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMPLIMITE Subminiature D Connectors - .050 Series Connector](#)

English

[AMPLIMITE .050 Series D-sub Connectors QRG](#)

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Product Specifications

[Application Specification](#)

English