



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)	.91 mm
Accepts Wire Insulation Diameter Range	.81 – .91 mm[.032 – .036 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: JAN 2021 (211) Does not contain REACH SVHC
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 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-AM7-2250
IDC D-Sub: Plug Assembly, Signal,
1.27 mm



TE Part # CAT-AM7-225072
IDC D-Sub: Receptacle Kit, Cable to
Cable, Signal, 1.27 mm



TE Part # CAT-AM7-22507
IDC D-Sub: Connector Kit, Plug,
Signal, 1.27 mm



TE Part # 5749193-1
50 50SR KIT,ST,UK



TE Part # 5749889-3
50 50SR KIT,ST,UK



TE Part # 5390377-5
50 POS A/P PLUG 25 CL 30AU



TE Part # 5749210-5
50 50SR CABLE RCPT ASSY



TE Part # 786585-3
50SR SCREWLOCK KIT,BULK,FEMAL



TE Part # 786585-2
50SR SCREWLOCK KIT,FEMALE



TE Part # 749087-1
50SR SCREWLOCK KIT,FEMALE



TE Part # 749087-4
50SR SCREWLOCK KIT,FEMALE



TE Part # 749087-3
50SR SCREWLOCK KIT,FEMALE



TE Part # CAT-AM7-436507
IDC D-Sub: Receptacle Assembly,
Panel Mount, Signal, 1.27 mm



TE Part # 5749080-1
50 50SR BSHLL KIT,M/J-SCR



TE Part # 5749193-2
50 50SR KIT,ST,UK



TE Part # 749087-2
50SR SCREWLOCK KIT,FEMALE

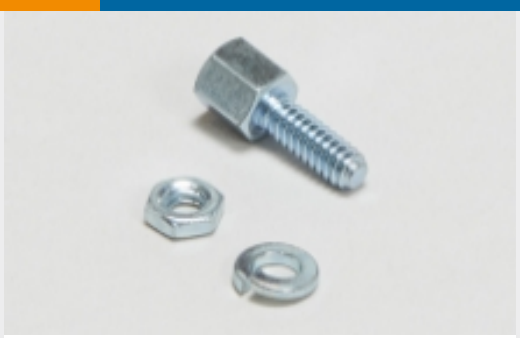
Also in the Series | **AMPLIMITE 0.50 Series**



D-Sub Backshells & Clamps(31)



D-Sub Covers(20)



D-Sub Locking & Mounting(8)



IDC D-Sub Connectors(77)

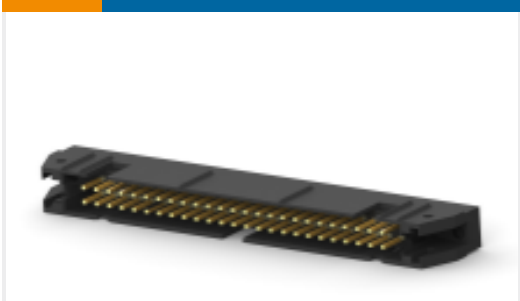


Insertion & Extraction Tools(1)



PCB D-Sub Connectors(196)

Customers Also Bought



TE Part #499141-4
AMP-LATCH UNIVERSAL HEADERS



TE Part #1050717-1
2001 7141 00



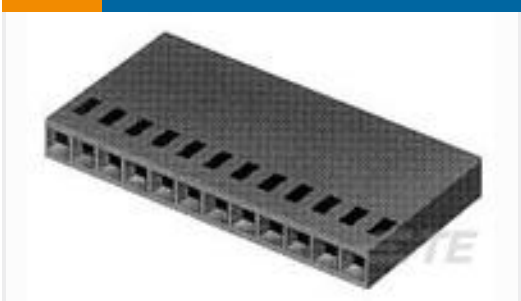
TE Part #6-786862-5
IDC D-Sub: Receptacle Kit, Panel Mount, Signal, 1.27 mm



TE Part #YDTS24Z13-35PBV001
Jam Nut: D38999, 13-35 Insert, Black Zinc Nickel Plating



TE Part #62009-1
BRUSH CONTACT TAB 20-14 AWG PHBZ



TE Part #2-87499-8
15 MODIV HSG COMP SR .100CL



TE Part #3-644468-3
03P MTA156 CONN ASSY 24AWG LF



TE Part #102448-6
16 AMPMODU MT ASSY DR .100CL



TE Part #641217-7
07P MTA156 CONN ASSY 18AWG ORA

Documents

Product Drawings

50 50SR PANEL MOUNT RCPT S/A, ROHS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-786862-5_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_5-786862-5_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-786862-5_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](#)

English

Product Specifications

[Application Specification](#)

English