



Connectors > D-Shaped Connectors > D-Sub Receptacle Assembly: Right Angle, 1.27mm



Number of Positions: 100

Connector & Housing Type: Receptacle

Connector System: Cable-to-Board

Connector Mounting Type: Board Mount

Centerline (Pitch): 1.27 mm [.05 in]

[All D-Sub Receptacle Assembly: Right Angle, 1.27mm \(73\)](#)

Features

Product Type Features

Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	100
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

Assembly Process Feature Material	Copper Alloy
Shell Plating Finish	Bright
Shell Plating Material	Tin
Primary Product Color	Black



Connector Profile	Standard
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Contact Features

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

Termination Features

Rectangular Termination Post & Tail Width	.41 mm[.016 in]
Rectangular Termination Post & Tail Thickness	.3 mm[.011 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.54 mm[.1 in]

Mechanical Attachment

Mounting Feature Plating Material	Nickel over Copper
Mounting Feature Material	Zinc
Mounting Hole Diameter	2.77 mm
Mating Alignment Type	Rails
Mating Alignment	With
PCB Mount Alignment	Without
Assembly Process Feature Plating Material	Tin over Nickel
Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Latch

Housing Features

Housing Material	Thermoplastic
Shell Material	Steel
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

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PCB Thickness (Recommended)	1.57 mm[.062 in]
Row-to-Row Spacing	2.54 mm[.1 in]

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 Quantity	6
Packaging Method	Tube

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 2025 (250) 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	Wave solder capable to 265°C

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 # 5-749611-9
100 50SR PANEL MOUNT RCPT, ROHS

TE Part # 5749111-8
100 50SR CABLE PLUG ASSY

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

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

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

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

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

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

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

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

Connector Hardware(6)

D-Shaped Connectors(234)

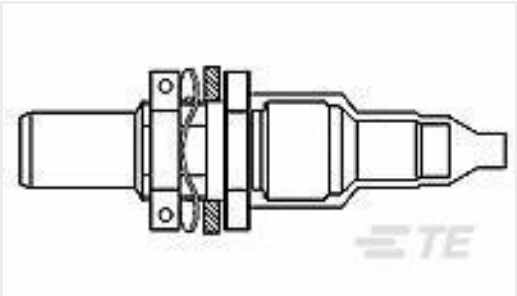
D-Sub Backshells & Clamps(20)

IDC D-Sub Connectors(63)



Panel Mount D-Sub Connectors(27)

Customers Also Bought



TE Part #118345-000
DK-621-0412-P



TE Part #487526-8
009 HOUSING FFC RCPT 100CL SR



TE Part #1-2176089-1
RP 1J 0.166W 13K7 0.1% 25PPM 1K RL



TE Part #2-2176342-2
CRGCQ 0805 3K3 5%

Documents

Product Drawings

100 50SR R/A RCPT ASSY,LEADFREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1761028-5_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1761028-5_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1761028-5_C.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

Agency Approvals

UL

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