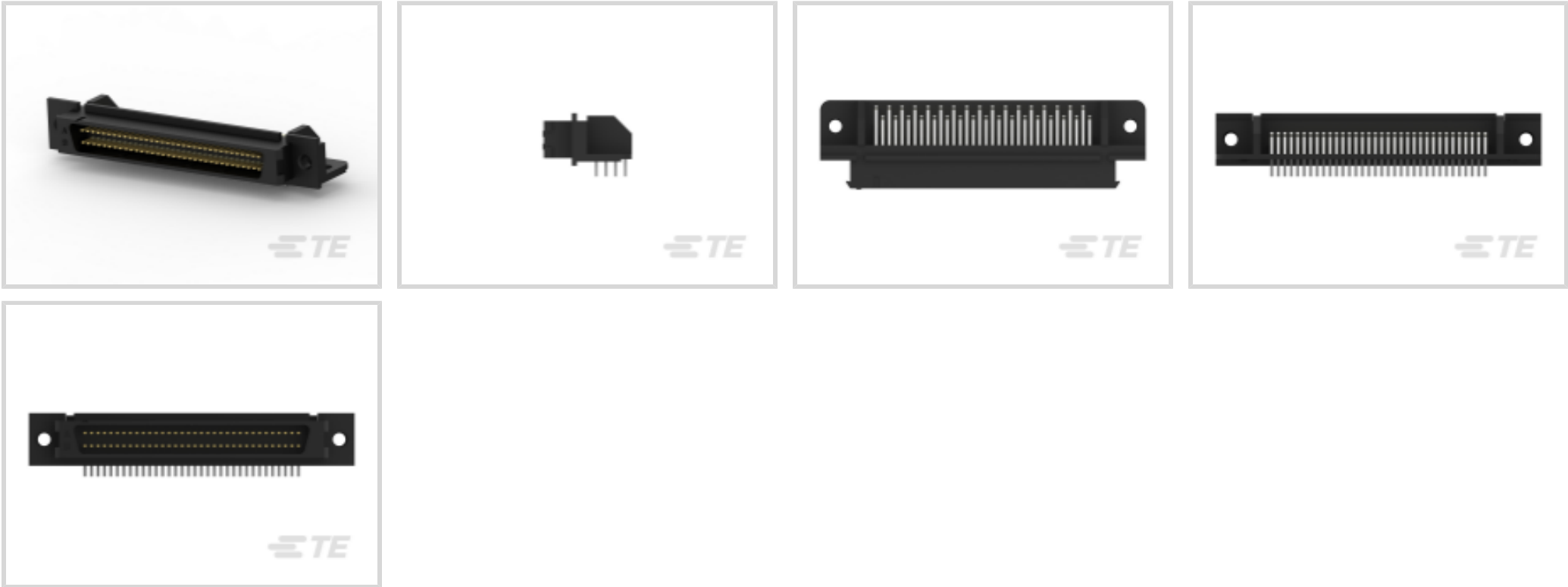




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Standard, Right Angle, 1.27mm



Connector & Housing Type: **Plug**

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

Number of Positions: **68**

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

Number of Rows: **2**

[All D-Sub Plug Assembly: Standard, Right Angle, 1.27mm \(7\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	68
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

Shield Plating Material	Nickel over Copper
Shield Material	Zinc
Shell Plating Material	Nickel over Copper



Primary Product Color	Black
Connector Profile	Standard

Contact Features

	30 µin
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin, Tin over Nickel
Contact Base Material	Phosphor Bronze
Contact Shape & Form	Square

Termination Features

Rectangular Termination Post & Tail Thickness	.4 mm[.015 in]
Rectangular Termination Post & Tail Width	.45 mm[.017 in]
Termination Post & Tail Length	2.9 mm[.114 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mounting Hole Diameter	2.7 mm
Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention	With
Mating Retention Type	Latches
Connector Mounting Type	Board Mount

Housing Features

Shell Material	Zinc Die Cast
Housing Material	PBT
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

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

Shielded	Yes
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Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	4
Packaging Method	Tray

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

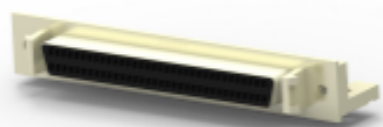
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not 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

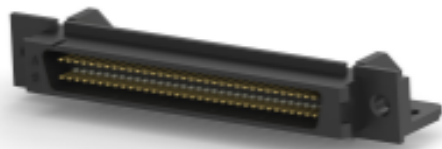
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 5787394-7
68 50SR R/A RCPT ASSY, LD FREE



TE Part # 5174225-5
AMPLIMITE 050-2B HOR 68P M2.5

Also in the Series | AMPLIMITE 0.50 Series



Connector Backshells(31)



Connector Caps & Covers(21)



Connector Hardware(7)



IDC D-Sub Connectors(64)



Insertion & Extraction Tools(1)



PCB D-Sub Connectors(172)

Customers Also Bought



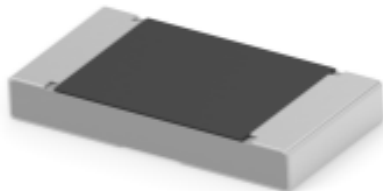
TE Part #6-1879213-9
CPF 0402 147R 0.1% 25PPM 1K RL



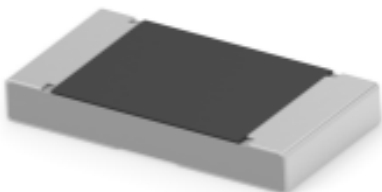
TE Part #8-1879214-5
CPF 0402 2K8 0.1% 25PPM 1K RL



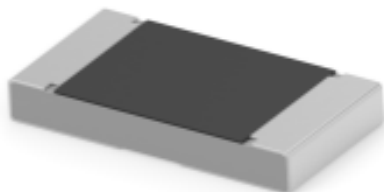
TE Part #235164-E
M12 FEMALE, A CODE,RA, 5P THR
REAR MOUNT



TE Part #2-2176524-6
3503G 2B 1K0 1% 1K RL



TE Part #5-2176524-6
3503G 2B 2K05 1% 1K RL



TE Part #7-2176524-6
3503G 2B 3K32 1% 1K RL



TE Part #251439-000
55A4124-22-9/96-9CS2275



TE Part #839126-E
IDCCS SRC 1,27 4 * SPX NXX 200 PVC



Documents

Product Drawings

AMPLIMITE 050-2B HOR 68P M2.5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-5174225-5_A_c-2-5174225-5-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-5174225-5_A_c-2-5174225-5-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-5174225-5_A_c-2-5174225-5-a.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Agency Approvals

UL

English