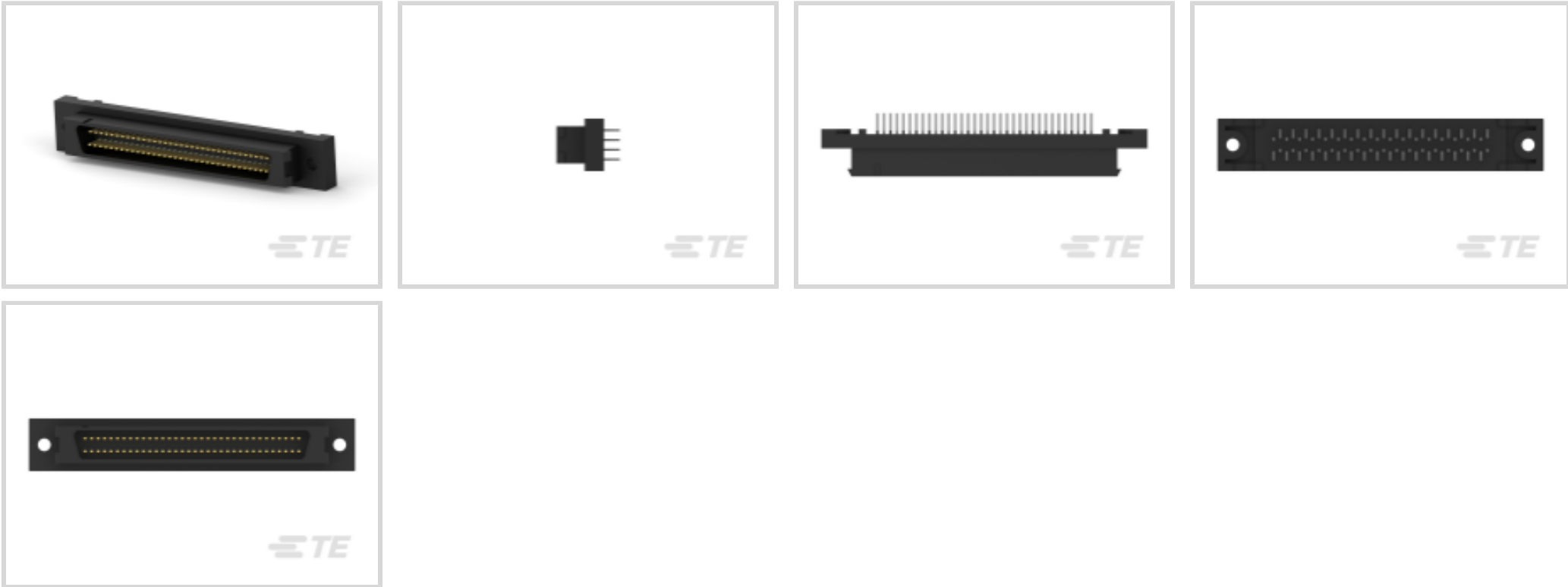




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Standard, Vertical, 1.27mm



Connector & Housing Type: Plug

Connector System: Board-to-Board

Number of Positions: 68

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

Number of Rows: 2

[All D-Sub Plug Assembly: Standard, Vertical, 1.27mm \(28\)](#)

Features

Product Type Features

Grounding Indents	Without
Grounded	No
Grounding Straps	Without
Post Plate Material	Thermoplastic
Shell Type	Full Metal Shell
Connector & Housing Type	Plug
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Shielded	Yes
Connector Type	Connector Assembly
Product Type	Connector

Configuration Features

Number of Positions	68
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Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Retention Leg Material	Nickel
Post Plating Material	Tin over Nickel
Retention Leg Plating Material	Brass
Connector Profile	Standard
Shell Plating Material	Nickel over Copper
Shield Material	Zinc
Shell Material	Zinc
Shield Plating Material	Nickel over Copper

Contact Features

Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Shape & Form	Square
	30 μin

Termination Features

Grounding Clips	Without
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	3.1 mm[.122 in]

Mechanical Attachment

PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	Without
Mating Retention Type	Latch
Connector Mounting Type	Board Mount
Mounting Hole Diameter	2.7 mm
Mating Alignment	Without

Housing Features

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

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

Circuit Application	Signal
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Industry Standards

Post Plate Flammability Rating	UL 94V-0
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray
Packaging Quantity	70

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

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

TE Part # CAT-020-DPAV127
D-Sub Plug Assembly: Standard, Vertical, 1.27mm

TE Part # 5749210-7
68 50SR CABLE RCPT ASSY

TE Part # CAT-AM7-4365072
IDC D-Sub: Receptacle Kit, Panel Mount, Signal, 1.27 mm

Also in the Series | AMPLIMITE 0.50 Series

D-Sub Backshells & Clamps(31)

D-Sub Covers(20)

D-Sub Locking & Mounting(8)

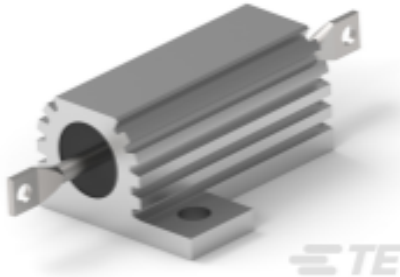
IDC D-Sub Connectors(77)

Insertion & Extraction Tools(1)

PCB D-Sub Connectors(196)

Customers Also Bought

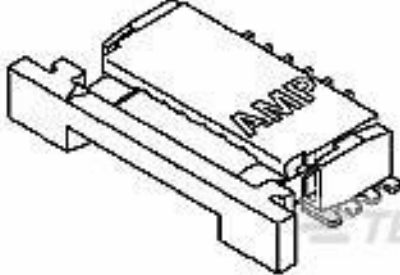




TE Part #2-1879075-2
Power Resistor: Aluminum Housed, 75 Watt



TE Part #2-1761603-3
IDC LOW PRO HDR 10P VERT BLUE



TE Part #1-84952-0
1MM FPC HORZ.BTTM CONT.ASS.10P



TE Part #1-1879417-9
CPF 0603 1M0 0.1% 25PPM 1K RL



TE Part #1625854-2
0805 PROBE PAD



TE Part #1625854-3
0603 PROBE PAD



TE Part #1825263-1
MSS225004=DPDT SL SW VERT AG



TE Part #2-1393118-1
KUP-14D17-24=KU



TE Part #9-1879131-5
RN 0402 12K4 0.1% 10PPM 1K RL



TE Part #1393277-6
V23076A1001D143

Documents

Product Drawings
AMPLIMITE CAP HEADER

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_2-5174339-5_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2-5174339-5_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2-5174339-5_A.3d_stp.zip

English

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Product Specifications



Application Specification

English

Product Environmental Compliance

MD_2-5174339-5_122020162346_dmtec

English

MD_2-5174339-5_122020162346_dmtec

English