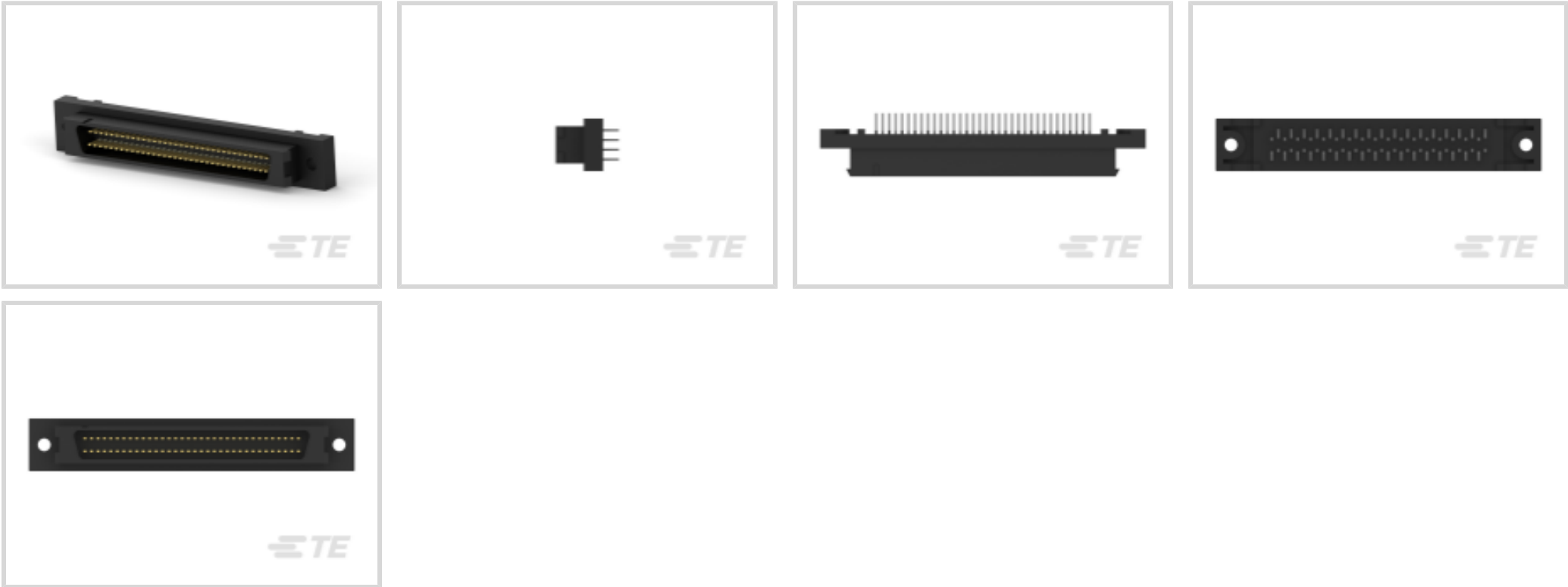




Connectors > D-Shaped Connectors > D-Sub Plug Assembly: Standard, Vertical, 1.27mm



Number of Positions: 68

Connector & Housing Type: Plug

Connector System: Board-to-Board

Connector Mounting Type: Board Mount

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

[All D-Sub Plug Assembly: Standard, Vertical, 1.27mm \(24\)](#)

Features

Product Type Features

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

Configuration Features

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

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 (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin over Nickel
Contact Shape & Form	Square
Contact Options	Installed

Termination Features

Rectangular Termination Post & Tail Width	.45 mm[.017 in]
Rectangular Termination Post & Tail Thickness	.4 mm[.015 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.1 mm[.122 in]

Mechanical Attachment

Mounting Hole Diameter	2.7 mm
Mating Alignment	Without
PCB Mount Alignment	Without
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	PBT
Shell Material	Zinc
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
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	70
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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

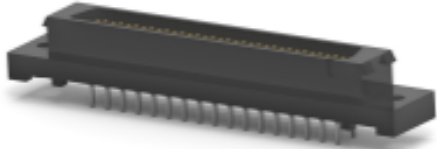
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

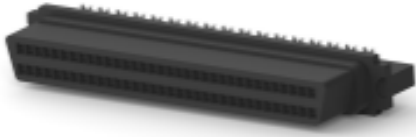




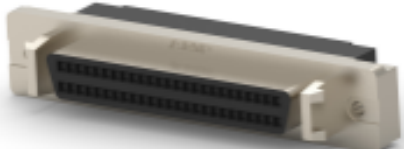
TE Part # 5749210-7
68 50SR CABLE RCPT ASSY



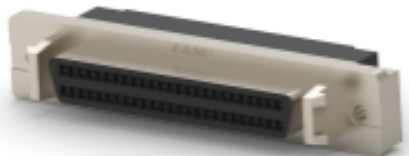
TE Part # 5174339-5
AMPLIMITE 050 SRS CONTACT



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



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



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

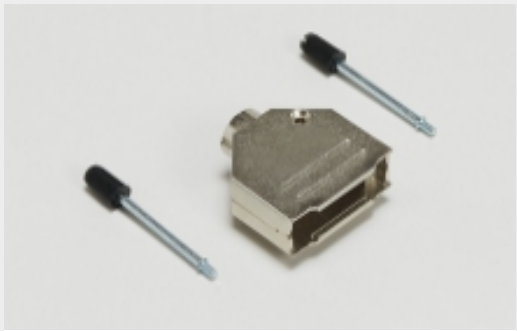
Also in the Series | **AMPLIMITE 0.50 Series**



Connector Backshells(20)



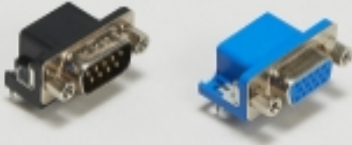
Connector Caps & Covers(20)



D-Sub Backshells & Clamps(20)



Insertion & Extraction Tools(1)



PCB D-Sub Connectors(171)

Customers Also Bought



TE Part #T4061420003-002
M8 CABLE RA FEMALE 1.0M 3POS PUR CABLE



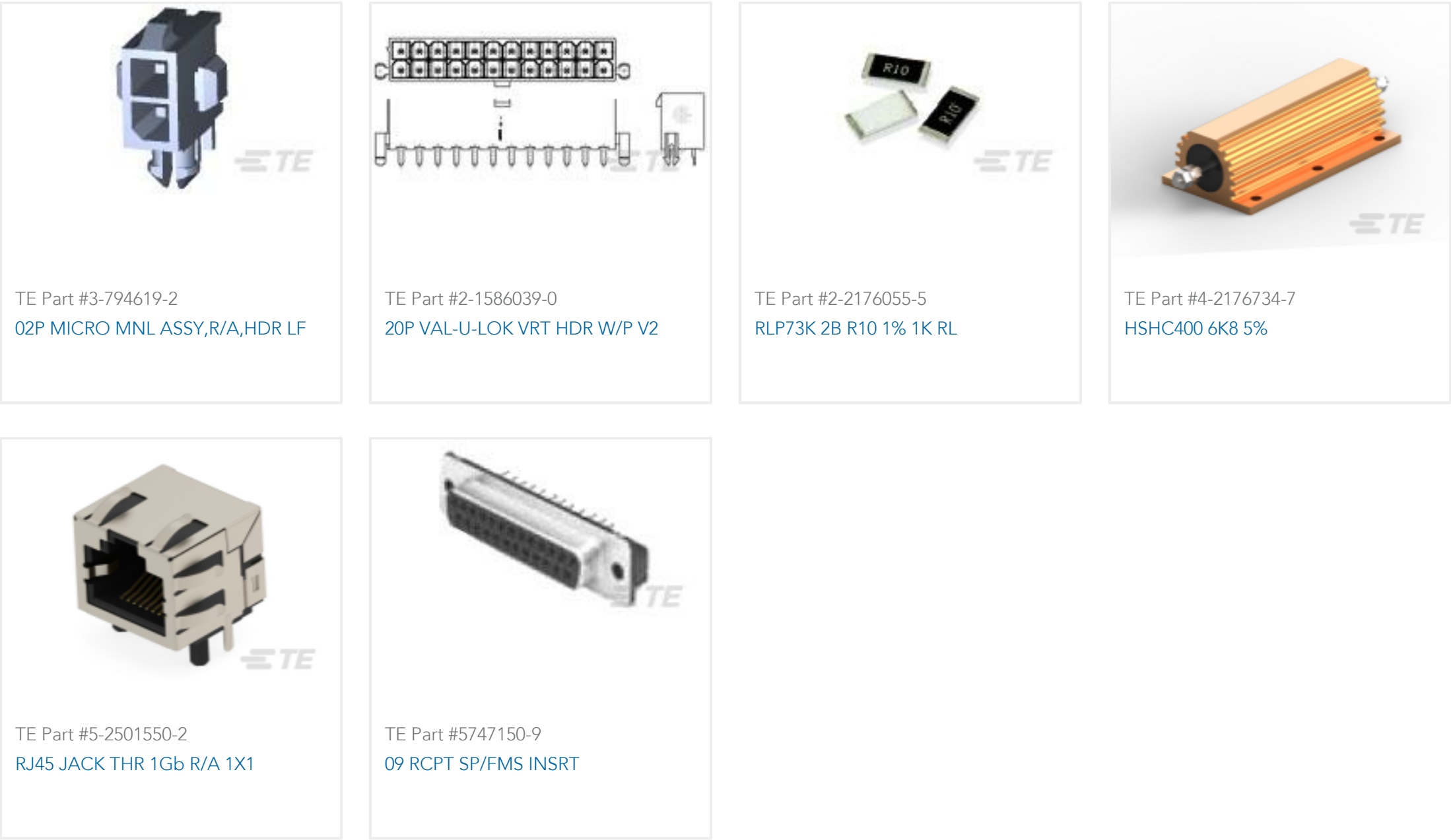
TE Part #5-146281-6
06 MODII HDR SRST B/A .100CL



TE Part #533236-4
096 EURO SHROUD



TE Part #749070-9
100 50SR VERT RCPT ASSY



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