



Connectors > D-Shaped Connectors > D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm



Number of Positions: 9

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Board Mount**

Connector Shell Size: 1

[All D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm \(37\)](#)

Features

Product Type Features

Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector Shell Size	1
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	9
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Shell Plating Material	Tin
Mating Feature Material	Zinc



Primary Product Color	Black
Connector Profile	Standard

Contact Features

	30 μin
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Shape & Form	Round
Contact Current Rating (Max)	6 A
Contact Options	Installed

Termination Features

Termination Post & Tail Diameter	.66 mm[.026 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.18 mm[.125 in]

Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]
Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	4-40 Retention Screwlock
Mating Retention	Without

Housing Features

Housing Material	Polyester
Shell Material	Carbon Steel
Centerline (Pitch)	2.74 mm[.108 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Row-to-Row Spacing	2.84 mm[.112 in]

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

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	17
Packaging Method	Tube

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (40% in 3433454) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not lead free process capable

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 # 1-747944-5
09 SHLDG ENCL PLUG, LEAD FREE



TE Part # CAT-AM7-248H3
IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm

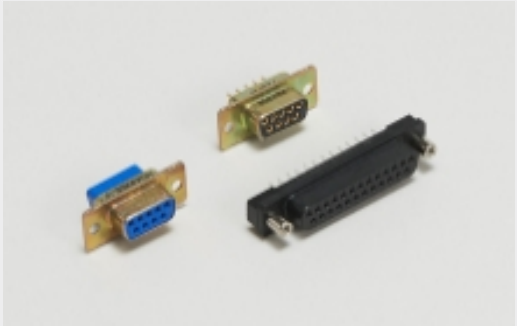


TE Part # 206509-1
SIZE 20 KEYING PLUG



TE Part # CAT-AM7-H3
IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm

Also in the Series | **AMPLIMITE HD-20**



D-Shaped Connectors(285)



PCB D-Sub Connectors(285)

Customers Also Bought



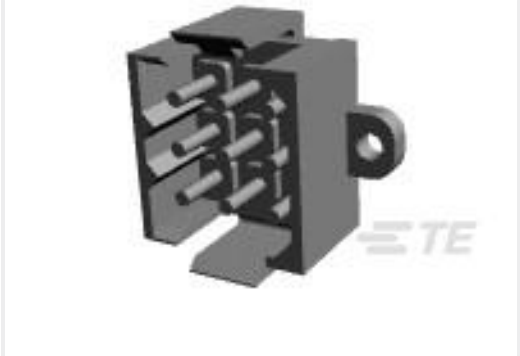
TE Part #T4162124005-001
RPC-M12-5MS-0.5SH-M12-5FR-PUR



TE Part #T2111172201-000
HMN-017-F



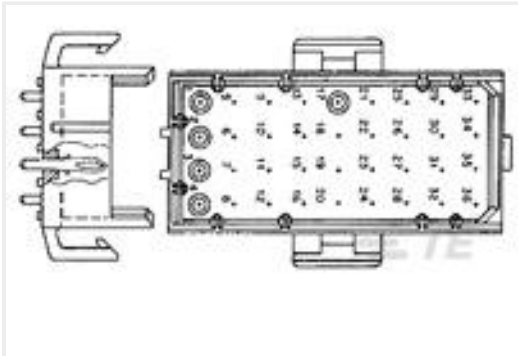
TE Part #5-104550-9
100 SYS50 SURFMNT DRST RCPT SN



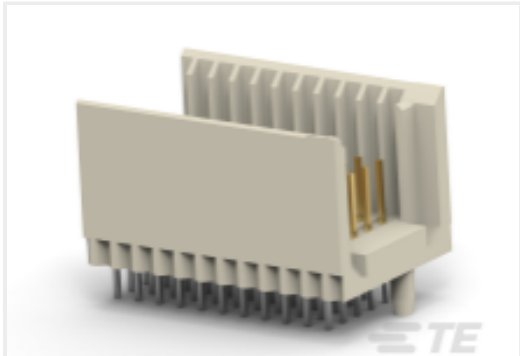
TE Part #1-207441-0
METRIMATE PIN HDR ASY, 9P LF



TE Part #350829-4
12P UMNL HDR ASSY PC 94VO LF



TE Part #2-640497-4
02P MR HDR ASSY



TE Part #CAT-472-Z12
Hard Metric Male Connector:
Traditional Backplane, Mezzanine,
2mm



TE Part #5223955-2
TE UPM Ver Receptacle 3P STD Power



TE Part #5535032-4
ASSY, RECEPTACLE, EUROCARD, TYPE



Documents

Product Drawings

09 RCPT SP/FMS (RET SL)

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_750678-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_750678-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_750678-1_G.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