749014-1

AMPLIMITE

TE Internal #: 749014-1

TE Internal Description: 9 PLUG W/INDENTS & C NUTS

D-Sub Plug Assembly: Standard, Vertical, Shell Size 1, 2.74mm

View on TE.com >

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



Number of Positions: **9**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Board Mount**

Connector Shell Size: **1**

All D-Sub Plug Assembly: Standard, Vertical, Shell Size 1, 2.74mm (28)

Features

Product Type Features

Ground Feature Type	Grounding Indents
Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Plug
Connector System	Cable-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 Finish	Bright
Shell Plating Material	Tin
Primary Product Color	Black
Connector Profile	Standard

Contact Features

	30 µin

Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Shape & Form	Square
Contact Current Rating (Max)	6 A
Contact Options	Installed

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.18 mm[.125 in]
Square Termination Post & Tail Dimension	.63 mm[.025 in]

Mechanical Attachment

	.12 in
Connector Mounting Type	Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention	With
Mating Retention Type	Clinch Nut, 4-40 UNC

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.57 mm, 2.36 mm[.062 in][.093 in]
Row-to-Row Spacing	2.84 mm[.112 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

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	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part) **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 # CAT-AM7-248H8
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.74 mm



TE Part # 747516-7
09 HDE PMOLD RCPT, LEAD FREE

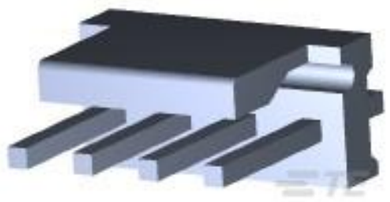


TE Part # 1-747943-5
KIT,RCPT,9P,HDE,SHLD ENCLSRE

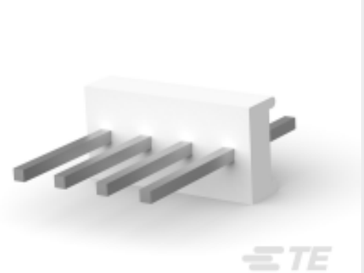


TE Part # CAT-AM7-253
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm

Customers Also Bought



TE Part #640445-4
04P MTA156 HDR ASSY FL/STR SN



TE Part #CAT-104MTA-PVUNH
PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment



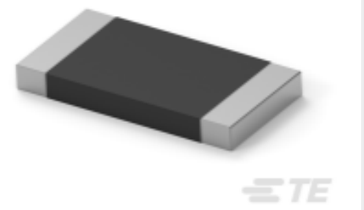
TE Part #1838274-2
M12 Fld Ser CONN. Female Skt Sldr



TE Part #1838274-4
M12 Fld Ser CONN. Female Skt Sldr



TE Part #2-2176328-2
CRGP 1206 560R 1%



TE Part #6-2176421-0
TLRP 2512 2.0W R040 1% 50PPM 4K RL



TE Part #5103308-5
A/L LOW PRO HDR 20P VERT BLACK



TE Part #5103309-1
A/L LOW PRO HDR 10P VERT BLACK

Documents

Product Drawings

9 PLUG W/INDENTS & C NUTS

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_749014-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_749014-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_749014-1_C.3d_stp.zip

English

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Product Specifications

Application Specification

English