5205857-1 ✔ ACTIVE

AMPLIMITE | AMPLIMITE HDP

TE Internal #: 5205857-1

25 Position D-Shaped Connector, Plug, Board-to-Board, Board Mount, Shell Size 3, 2.74 mm [.108 in] Centerline, Printed Circuit Board, AMPLIMITE HDP

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Plug Assembly: Standard, Right Angle, Shell Size 3, 2.74mm



Number of Positions: **25**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Board Mount**

Connector Shell Size: **3**

All D-Sub Plug Assembly: Standard, Right Angle, Shell Size 3, 2.74mm (25)

Features

Product Type Features

Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Plug
Connector System	Board-to-Board
Connector Shell Size	3
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	25
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

Shell Plating Material	Zinc
Primary Product Color	Black
Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold Flash
Contact Base Material	Brass

PCB Contact Termination Area Plating Material	Tin
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

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

Housing Features

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

Dimensions

PCB Thickness (Recommended)	2.36 mm[.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	70
Packaging Method	Package

Product Compliance

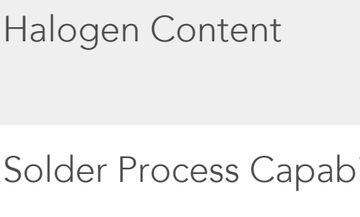
For compliance documentation, visit the product page on TE.com>

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

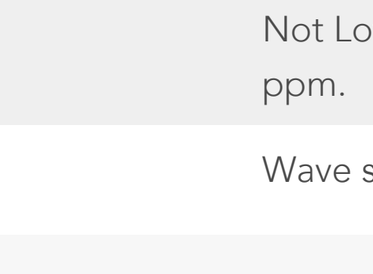
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2-745495-0
25 HDE MS RCPT,22-26,LEAD FREE

TE Part # 5-747913-2
25 Rcpt Solder Cup, Gold Flash

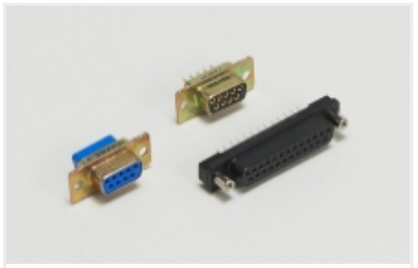


TE Part # 1-747947-7
KIT,RCPT,25P,HDE,SHLD ENCLSRE

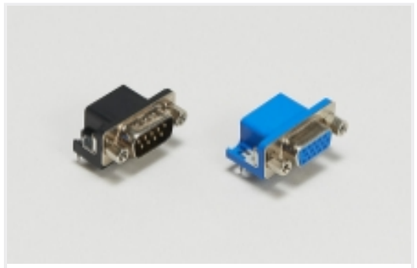
Also in the Series | AMPLIMITE HDP



Connector Contacts(6)



D-Shaped Connectors(65)



PCB D-Sub Connectors(65)

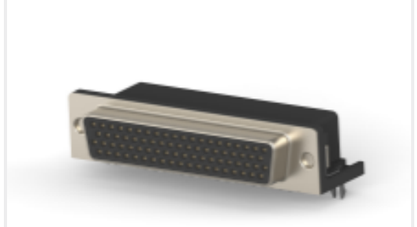
Customers Also Bought



TE Part #1410946-1
MULTI-GIG SOC. CAP SCREW, CUSTOMIZED HDW



TE Part #1879216-5
CPF 0402 54K9 0.1% 25PPM 1K RL



TE Part #2311772-2
AMPL REC, HD22, R/A, 78P, THREADED



TE Part #5352171-1
Z-PACK/B19 RAF 95P



TE Part #5787170-7
68 50SR R/A RCPT ASSY,RDSN L/F

TE Part #Y66601-Z11-35PN000
RECP ASSY

TE Part #Y66601-Z13-04SN000
RECP ASSY

TE Part #Y66601-Z21-48PN000
RECP ASSY

TE Part #Y66601-Z15-35SN000
RECP ASSY

TE Part #5-1617559-5
TS5-1Y

Documents

Product Drawings

25 PLUG RA/MS STD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5205857-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5205857-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5205857-1_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English