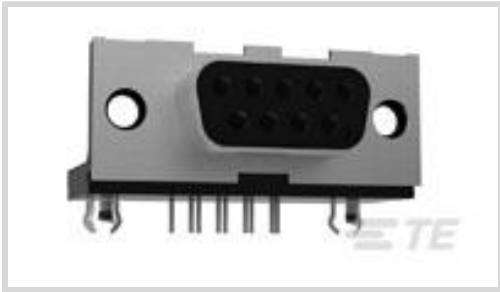




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Receptacle Assembly: Right Angle, Shell Size 3, 2.77mm



Connector & Housing Type: **Receptacle**

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

Number of Positions: **25**

Centerline (Pitch): **2.77 mm [.109 in]**

Number of Rows: **2**

[All D-Sub Receptacle Assembly: Right Angle, Shell Size 3, 2.77mm \(63\)](#)

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector Shell Size	3
Connector & Contact Terminates To	Printed Circuit Board
Ground Feature Type	Grounding Straps
Shell Material Configuration	Front Metal Shell

Configuration Features

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

Housing Features

Centerline (Pitch)	2.77 mm[.109 in]
Housing Material	Polyester GF
Shell Material	Steel

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]



Contact Features

Contact Shape & Form	Round
Contact Current Rating (Max)	6 A
Contact Options	Installed
Contact Mating Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin

Body Features

Connector Profile	Standard
Assembly Process Feature Material	Phosphor Bronze
Shell Plating Material	Tin
Primary Product Color	Black

Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Threaded Insert
Mating Retention	Without
Mating Retention Type	Female Screwlocks, 4-40 UNC
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
Assembly Process Feature Plating Material	Tin

Operation/Application

Circuit Application	Signal
Durability Rating	200 Cycles

Usage Conditions

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

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

Termination Features

Rectangular Termination Post & Tail Width	.45 mm[.017 in]
Rectangular Termination Post & Tail Thickness	.32 mm[.012 in]



Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.2 mm[.126 in]

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	DIN 41652

Packaging Features

Packaging Quantity	30
Packaging Method	Tray

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (.35% 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	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-H3
IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm

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

TE Part # CAT-AM7-248H4
IDC D-Sub: Connector Kit, Plug, Wire to Wire, Signal, 2.77 mm

TE Part # 206509-1
SIZE 20 KEYING PLUG

Also in the Series | **AMPLIMITE HDP**

Connector Contacts(6)

PCB D-Sub Connectors(83)

Customers Also Bought

TE Part #5120521-1
1FHR,64,30A/S,S,N,S08,09,10

TE Part #5120525-1
1FHP,64,30A/S,S,N,S08

TE Part #280372-2
6P AMPMODU II SHRD HDR, ST, 0.38 AU

TE Part #321885
TERM, STRAT, SOLIS, HT R, 22-16, #5

TE Part #2118719-2
STD SHIELD COVER, CRS-32.50X32.50X2.00MM

TE Part #225858-E
POWELM BUCHSE * M5 4 * SMD 7 SN * J

TE Part #1-2176264-7
RN 0805 750K 0.1% 10PPM 1K RL

TE Part #GA100K6CG327
ESAG-ESA GOLD CHIP

TE Part #GA100K6CG327-L4
ESAG-ESA GOLD CHIP LAT PART

TE Part #GAGOLDCHIP-LATTEST
ESAR-GOLD CHIP LAT TEST



Documents

Product Drawings

25P.HDP20 REC.ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-106507-2_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-106507-2_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-106507-2_J.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

AMPLIMITE Subminiature D Connectors - Right-Angle Posted Connectors

English