



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



Number of Positions: 25
Connector & Housing Type: Receptacle
Connector System: Cable-to-Board
Connector Mounting Type: Board Mount
Connector Shell Size: 3

[All D-Sub Receptacle Assembly: Right Angle, Shell Size 3, 2.77mm \(47\)](#)

Features

Product Type Features

Shell Material Configuration	All Plastic
Connector & Housing Type	Receptacle
Connector System	Cable-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

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-Lead



Contact Shape & Form	Round
Contact Current Rating (Max)	1.2 A, 2 A, 3.1 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

	.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, Polyester
Centerline (Pitch)	2.77 mm[.109 in]

Dimensions

PCB Thickness (Recommended)	2.36 mm[.047 – .063 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
Compatible With Approved Standards Products	UL E28476

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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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-AM7-248H3
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

Customers Also Bought



TE Part #63196-2
PL 187 RECEPTACLE 24-20 AWG PTPBR



TE Part #5-146278-8
08 MODII HDR SRST B/A .100CL



TE Part #3-641435-9
09P MTA156 CONN ASSY ORNG



TE Part #647402-5
05P SL156 HSG W/RMP&TABS,OVSZ



TE Part #1393845-3
RP821006

TE Part #4-1775099-8
ATX PWR CONN 24 POS

TE Part #1-2271454-6
D3950 REC 6POS 1ROW X KEY
MARKED

TE Part #1-2271457-6
D3950 HDR 6POS 1ROW X KEY

TE Part #1879283-4
MELF SMA 82K 5% 100PPM 0.5W 0207

TE Part #344107-1
18W EMS.REC.ANTI-BACKOUT

Documents

Product Drawings

25 APFL RCPT RA 478

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_745085-2_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_745085-2_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_745085-2_M.3d_stp.zip

English

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Product Specifications

Application Specification

English