



Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Vertical, Shell Size 4, 2.74mm



Connector & Housing Type: **Plug**
Connector System: **Board-to-Board**
Number of Positions: **37**
Centerline (Pitch): **2.77 mm [.109 in]**
Number of Rows: **2**

[All D-Sub Plug Assembly: Vertical, Shell Size 4, 2.74mm \(30\)](#)

Features

Product Type Features

Grounding Indents	With
Grounding Straps	Without
Shell Type	Front Metal Shell
Connector & Housing Type	Plug
Connector System	Board-to-Board
D-Sub Shell Size	4
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Connector

Configuration Features

Number of Positions	37
Number of Rows	2
PCB Mount Orientation	Vertical
Preloaded	Yes

Body Features

Plastic	No
Female Screwlock Material	Zinc



Connector Profile	Standard
Shell Material	Steel
Shell Plating Material	Tin

Contact Features

Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel, Palladium Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Shape & Form	Round
	30 µin

Termination Features

Grounding Clips	Without
Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Post Length	5.8 mm[.228 in]

Mechanical Attachment

Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Action/Compliant Tail, Mounting Hole
Mating Retention	With
Mating Retention Type	Female Screwlocks, Fixed
Connector Mounting Type	Board Mount
Mounting Hole Diameter	.12 mm

Housing Features

Centerline (Pitch)	2.77 mm[.109 in]
Housing Material	Nylon GF, Polyester GF

Dimensions

Row-to-Row Spacing	2.84 mm[.112 in]
PCB Thickness (Recommended)	2.36 mm[.093 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 Method	Tray
Packaging Quantity	52

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: JAN 2021 (211) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



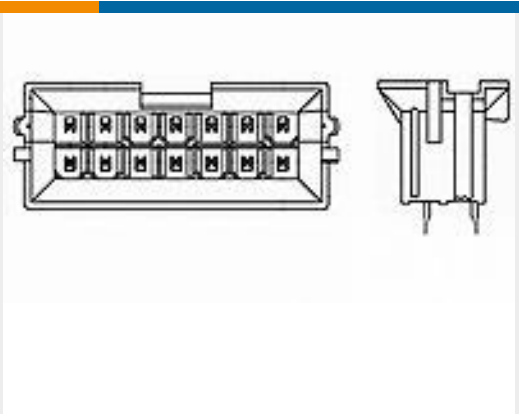


TE Part # CAT-AM7-248H5
IDC D-Sub: Receptacle Assembly, Wire to Wire, Signal, 2.77 mm



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

Customers Also Bought



TE Part #1586585-6
6P VAL-U-LOK BMI VRT HDR V2



TE Part #102898-1
08 MODII HDR SRST UNSHRD A/PIN



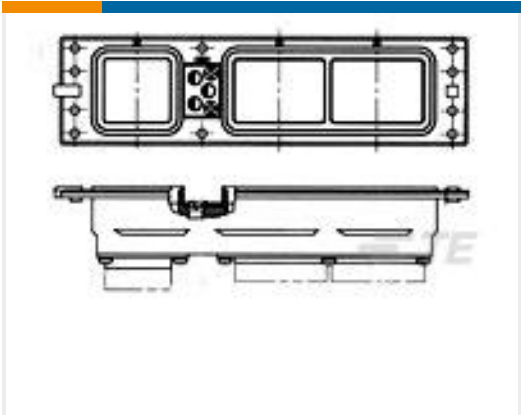
TE Part #103968-7
2X8 MTE RCPT SR RIBBED .100CL



TE Part #1-499786-2
AMP-LATCH UNIVERSAL HEADERS



TE Part #YDTS24W17-06PAC001
Jam Nut: D38999, 17-06 Insert




TE Part #1-211991-0
RECEPT ASSY,SZ 2,ARINC 600



TE Part #1-765206-9
VERT. HEADER ASSY. .100CL



TE Part #5-146294-3
03 MODII HDR SRST B/A 100 W/HD



TE Part #3-1879635-8
H4 787K 0.5% 15PPM



TE Part #1625980-6
HSX25 R22 5%

Documents

Product Drawings
37 PLUG ACT PIN/MS MED SCRLK
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_5750060-1_C.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_5750060-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5750060-1_C.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 - Straight Posted Connectors](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English