

2301836-1 ✓ ACTIVE

AMPLIMITE

TE Internal #: 2301836-1

37 Position D-Shaped Connector, Plug, Wire-to-Board, Board Mount, 4 Shell Size, 2.77 mm [.109 in] Centerline, Printed Circuit Board, Signal

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



Number of Positions: **37**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Board Mount**

Connector Shell Size: **4**

[All D-Sub Plug Assembly: Vertical, Shell Size 4, 2.74mm \(13\)](#)

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Wire-to-Board
Connector Shell Size	4
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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

Body Features

Primary Product Color	Black
Connector Profile	High

Contact Features



Contact Shape & Form	Round
Contact Current Rating (Max)	1.5 A
Contact Options	Installed

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Diameter	.6 mm[.023 in]

Mechanical Attachment

Mating Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention Type	4-40 Screwlock
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2.77 mm[.109 in]

Dimensions

Row-to-Row Spacing	2.84 mm[.111 in]
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Usage Conditions

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

Circuit Application	Signal
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC

Free

Solder Process Capability

Not applicable for solder process capability

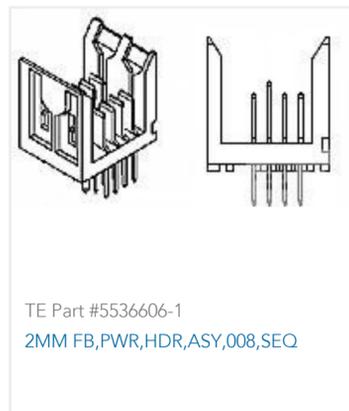
Product Compliance Disclaimer

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 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



Customers Also Bought





Documents

Product Drawings

[AMPL PLUG HD20, VERT, 37P, B/L,4-40 S/LO](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2301836-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2301836-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2301836-1_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English