1-2232893-2 ✔ ACTIVE

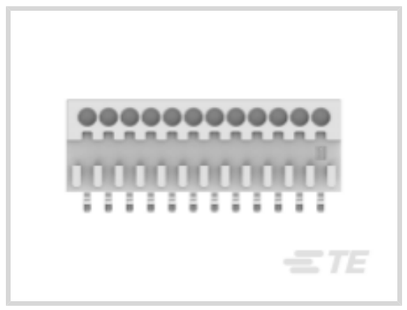
TE Internal #: 1-2232893-2

Wire-to-Board, 12 Position, 2.5 mm [.098 in] Centerline, Insulation Displacement (IDC), 1 Row, Natural, PA 66 GF, Standard Edge Connectors

View on TE.com >

Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors







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

Number of Positions: **12**

Centerline (Pitch): **2.5 mm [.098 in]**

Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Card Entry Style	Side
Number of Insulation Displacement Slots	12
Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	12
Number of Rows	1
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	50 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Retention Within Housing	With
Contact Base Material	Copper Alloy
Contact Type	Socket
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Mating Retention	Without
Mating Alignment Type	Keyed
Mating Alignment	With
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	PA 66 GF

Dimensions

PCB Thickness (Recommended)	1.36 – 1.64 mm[.053 – .064 in]
Compatible Insulation Diameter Range	1.2 – 1.6 mm[.047 – .063 in]
Connector Height	7.3 mm[.287 in]
Wire Size	24 – 22 AWG

Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)

Packaging Features

Packaging Method	Tube
Packaging Quantity	2048

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	Not reviewed 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



TE Part # 1-1971818-2
12P,RAST 2.5 Tab Header,Ex- Locking, THV

TE Part # 1-2406853-2
12P MONOPLUG 2.5 W TUBE-B

Documents

Product Drawings

12P MONOPLUG 2.5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2232893-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2232893-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2232893-2_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

RAST Connector System Catalog

English

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English