172520-7 ✓ ACTIVE

AMP-IN

TE Internal #: 172520-7

Housing, Plug, Wire-to-Board, 7 Position, .098 in [2.5 mm]

Centerline, Crimp, 1 Row, Natural, Printed Circuit Board, Power &

Signal

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings











Connector Product Type: Housing
Connector & Housing Type: Plug
Connector System: Wire-to-Board

Number of Positions: 7

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

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Positions	7
Number of Rows	1
Electrical Characteristics	
Operating Voltage	250 VAC
Body Features	
Primary Product Color	Natural

Contact Features



Contact Layout	Inline
Contact Type	Pin
Contact Base Material	Brass
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Strain Relief	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Entry Configuration	Both Ends Closed
Housing Material	Nylon 6/6
Centerline (Pitch)	2.5 mm[.098 in]
Dimensions	
Connector Length	18.5 mm[.73 in]
	.14 in
PCB Thickness (Recommended)	1.19 – 1.6 mm, 1.57 mm
Wire Size	.05 – .15 mm², .12 – .35 mm²
Usage Conditions	
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	1000
Packaging Method	Bag

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

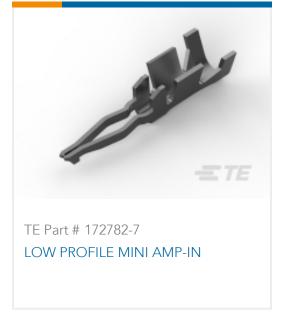
Product Compliance Disclaimer

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

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_172520-7_G1.3d_stp.zip

English

Customer View Model

ENG_CVM_172520-7_G1.2d_dxf.zip

English

Customer View Model

ENG_CVM_172520-7_G1.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_172520-7_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_172520-7_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_172520-7_E.3d_stp.zip

English

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

Datasheets & Catalog Pages

PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS

Housing, Plug, Wire-to-Board, 7 Position, .098 in [2.5 mm] Centerline, Crimp, 1 Row, Natural, Printed Circuit Board, Power & Signal



English

Product Specifications

Application Specification

English

Application Specification

English

Agency Approvals

UL Report

English