172890-4 ✓ ACTIVE

AMP-IN

TE Internal #: 172890-4

Board-In PCB Mount One-Piece Crimp Connector, Vertical, Wire-to-Board, 4 Position, 2 mm [.079 in] Centerline, Discrete Wire, Natural, Power & Signal
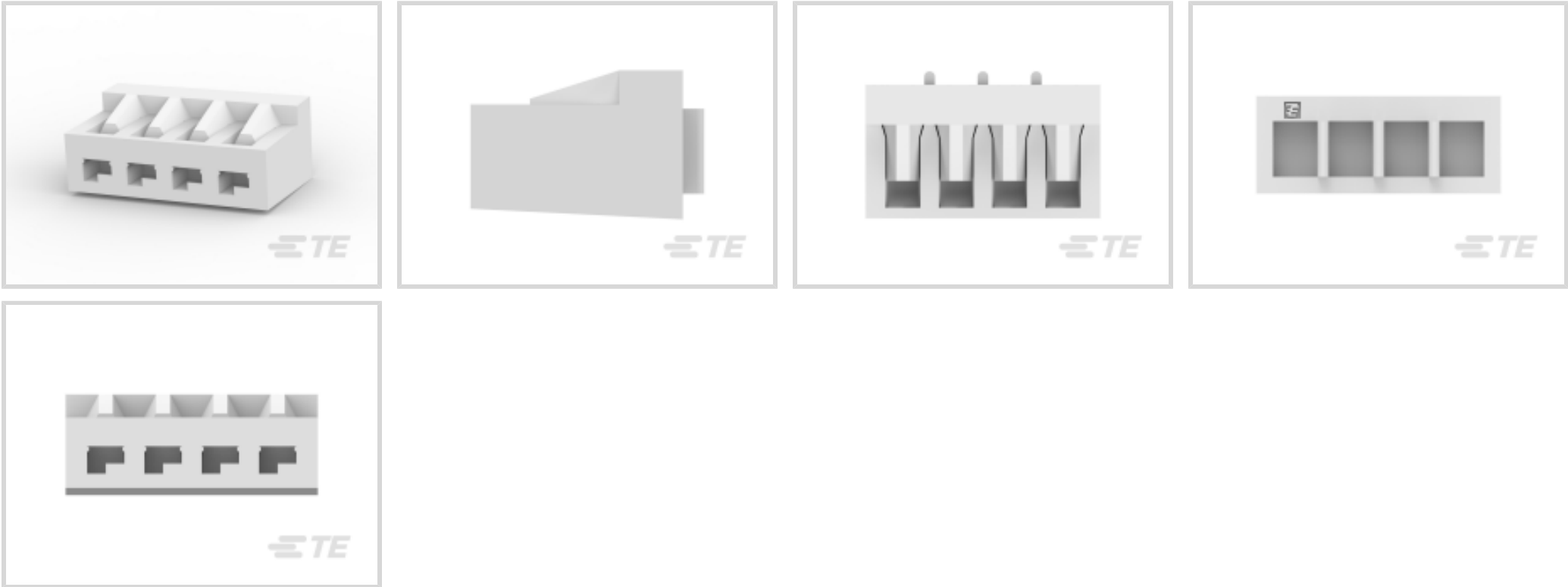
View on TE.com >

Connectors > PCB Connectors > Board-In Connectors

PCB Connector Type: **PCB Mount One-Piece Crimp Connector**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **4**

Centerline (Pitch):   **2 mm [.079 in]**

Features

Product Type Features

PCB Connector Type	PCB Mount One-Piece Crimp Connector
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board, Wire & Cable

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	4
Compatible With Wire & Cable Type	Discrete Wire
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Primary Product Color	Natural

Contact Features

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Contact Layout	Inline

Mechanical Attachment

PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	2 mm[.079 in]
Housing Material	Nylon 66

Dimensions

PCB Thickness (Recommended)	1.57 mm, 1.19 – 1.6 mm
	.14 in
Wire Size	30 – 22 AWG, 26 – 22 AWG
Connector Length	8.8 mm[.346 in]

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	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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Melamine (3% in 23412681598)

Article Safe Usage Statements:
Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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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

TE Part # 172782-5
LOW PROFILE MINI AMP-IN

TE Part # 172782-7
LOW PROFILE MINI AMP-IN

TE Part # 172781-4
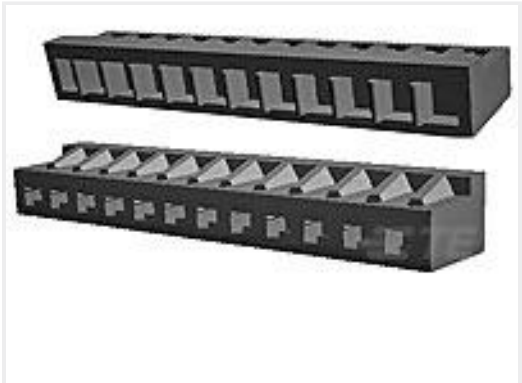LOW PROFILE MINI AMP-IN
(AWG#30-#26)Y-TY

TE Part # 172781-3
LOW PROFILE MINI AMP-IN
(AWG#30-#26)X-TY

Customers Also Bought
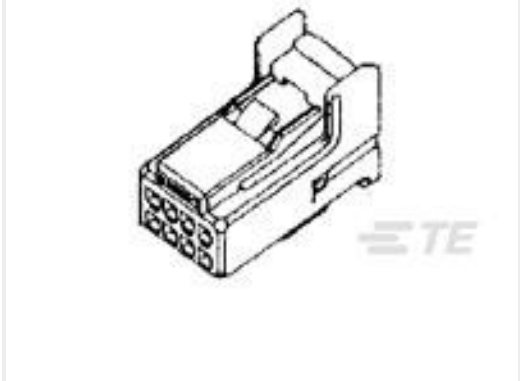

TE Part #1544133-1
CLIP 6,35 NG1

TE Part #172890-3
3P 2MM MINI AMP-IN HDR HSG

TE Part #CAT-G3353-CH8172
GET .64 CONNECTOR SYSTEM,
CONNECTOR HSG

TE Part #1801177-3
3W TAB CONNECTOR HP GREY

TE Part #1376352-1
025 I/O PLUG HSG ASSY 8P

TE Part #CAT-AM7017-H8172
AMP COMMON TERMINATION
HOUSINGS

TE Part #1544225-3
PC 3V 6,35 MM NG1

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Board-In PCB Mount One-Piece Crimp Connector, Vertical, Wire-to-Board, 4 Position,
2 mm [.079 in] Centerline, Discrete Wire, Natural, Power & Signal

Documents

Product Drawings

4P 2MM MINI AMP-IN HDR HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_172890-4_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_172890-4_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_172890-4_H.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

English

Product Specifications

Application Specification

English

Application Specification

English

Agency Approvals

UL Report

English

UL Report

English