

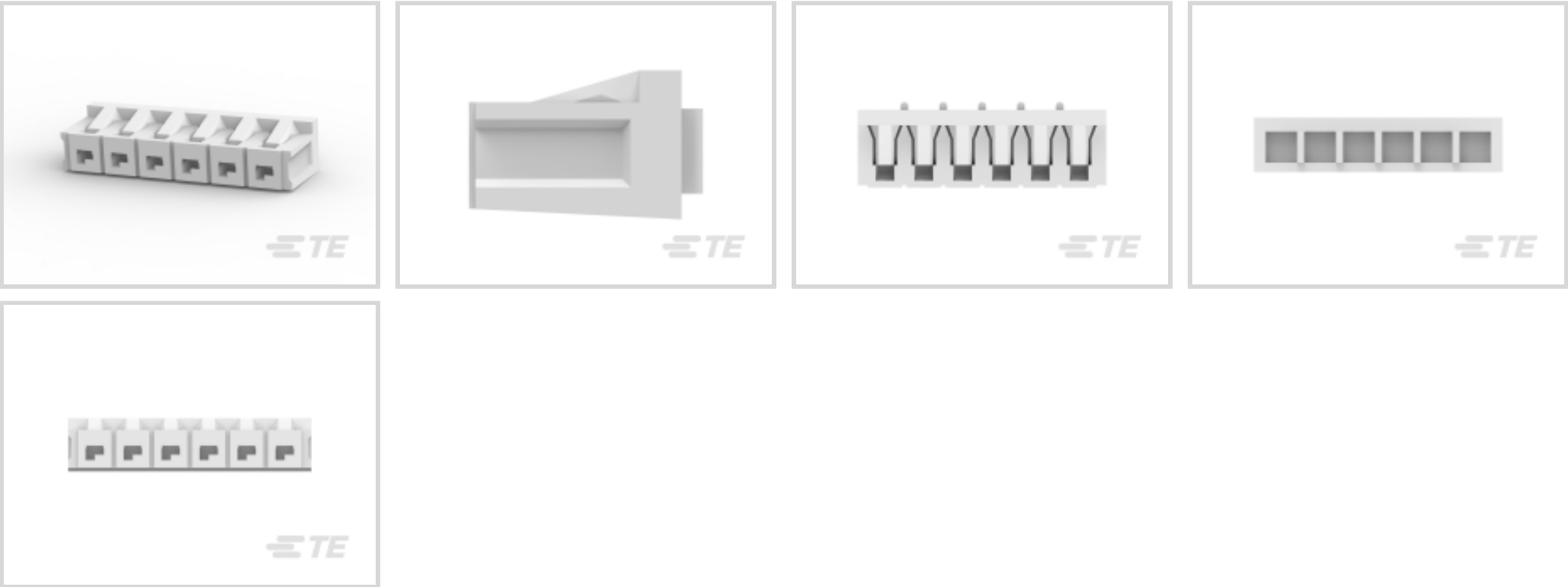


AMP-IN

TE Internal #: 172520-6
Board-In PCB Mount One-Piece Crimp Connector, Vertical, Wire-to-Board, 6 Position, 2.5 mm [.098 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: **6**
Centerline (Pitch): **2.5 mm [.098 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	6
Compatible With Wire & Cable Type	Discrete Wire
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
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Body Features

Primary Product Color	Natural
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Contact Features

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Contact Layout	Inline
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Mechanical Attachment

PCB Mount Retention	Without
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Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	Nylon 6/6

Dimensions

PCB Thickness (Recommended)	1.57 mm, 1.19 – 1.6 mm .14 in
Wire Size	30 – 22 AWG, 26 – 22 AWG
Connector Length	16 mm[.63 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



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



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



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



TE Part # 2238190-1
LOW PROFILE MINI AMP-IN SM



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

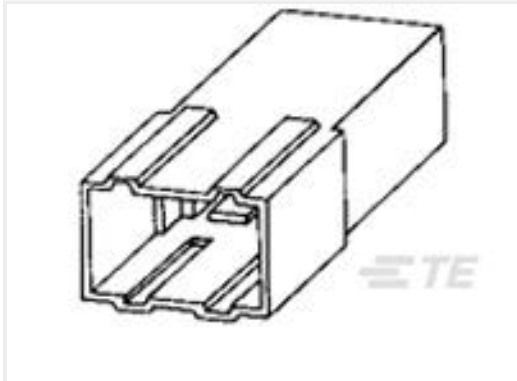
Customers Also Bought



TE Part #1-1670459-2
8POS MQS REC COD A



TE Part #1-926476-0
MOD 4 HSG



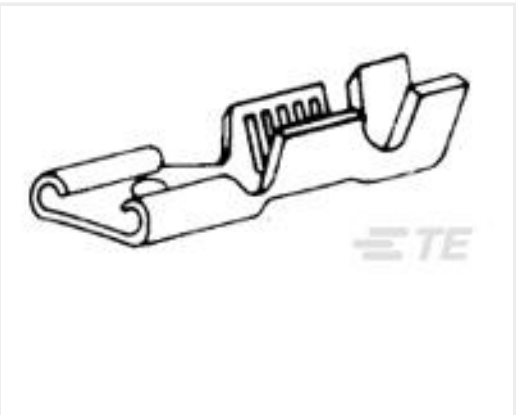
TE Part #280072
FF 375 TAB HSG 4P NYLON NAT



TE Part #1-926476-3
MOD 4 HSG



TE Part #1-2343404-1
[MODULE ASSY,80MM LUMAWISE S, KEYED,vented](#)



TE Part #60385-2
[.250 FAST REC IS 18-2/17 TPBR](#)



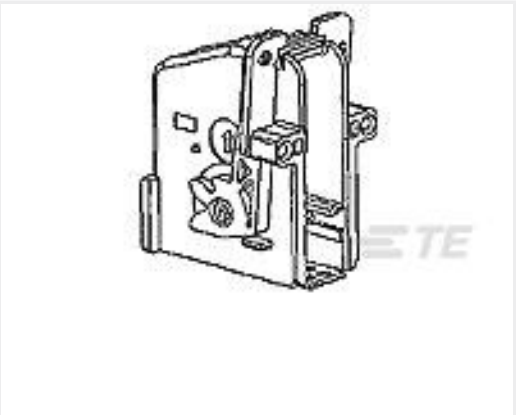
TE Part #1-66106-5
[III+ PIN,26-24,TIN,STRIP](#)



TE Part #172520-2
[2P 2.5MM MINI AMP-IN HDR HSG](#)



TE Part #3-770060-1
[MINI AMP-IN PTL/PHBZ](#)



TE Part #2-1355350-1
[MOS COVER 18POS](#)

Documents

Product Drawings

[6P 2.5MM MINI AMP-IN HDR HSG](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_172520-6_G1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_172520-6_G1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_172520-6_G1.3d_igs.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_172520-6_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_172520-6_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_172520-6_E.3d_stp.zip](#)

English



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Datasheets & Catalog Pages
PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS
English

Product Specifications
Application Specification
English
Application Specification
English

Agency Approvals
UL Report
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UL Report
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