

103577-7 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

TE Internal #: 103577-7

Connector Contact, Pin, Wire-to-Board, Tin-Lead, Reel, Printed Circuit Board, 3 A, Signal, Board Mount, -55 – 125 °C [-67 – 257 °F], AMPMODU IV/V

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Pin**

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

Contact Mating Area Plating Material: **Tin-Lead**

Packaging Method: **Reel**

Connector & Contact Terminates To: **Printed Circuit Board**

Features

Product Type Features

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

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 V
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Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
	100 – 200 μin
PCB Contact Termination Area Plating Material Finish	Bright
Contact Shape & Form	Square
Contact Mating Area Plating Material Finish	Bright
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Mating Area Plating Material	Tin-Lead
Contact Current Rating (Max)	3 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
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Mechanical Attachment

Wire Insulation Support	Without
Connector Mounting Type	Board Mount

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	20000
Packaging Method	Reel

Other

Comment	Posts can be applied using Hand Tool 91419-1., The Bandolier Insertion head can be used on the Comp-U-Serter II machine or the Modular Insertion System Bench machine.
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
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 2022 (223) Candidate List Declared Against: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°C

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # CAT-P100
P100 PIN INSERTION MACHINE



TE Part # CAT-P280
P280 PIN INSERTION MACHINE



TE Part # CAT-P300
P300 PIN INSERTION MACHINE




TE Part # CAT-P360
P360 PIN INSERTION MACHINE

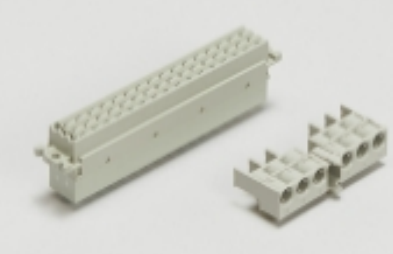


TE Part # CAT-P550
P550 PIN INSERTION MACHINE


Also in the Series | AMPMODU IV/V




Automotive Housings(2)



Backplane Connector Housings(1)



Board-to-Board Connector Contacts(6)




Insertion & Extraction Tools(4)



PCB Connector Covers(18)



PCB Connector Keying(6)



PCB Connector Mounting(1)



PCB Connector Strain Relief(3)



PCB Headers & Receptacles(939)



PCB Latches, Locks & Retainers(9)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies & Housings(473)

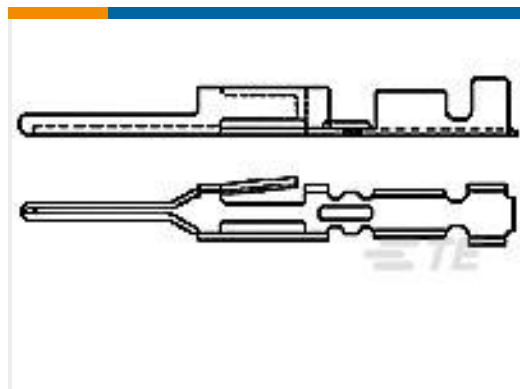


Wire-to-Board Connector Contacts (328)

Customers Also Bought



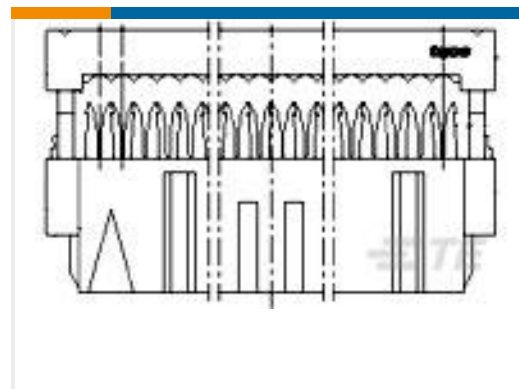
TE Part #969047-3
MODU CRIMP CONTACT



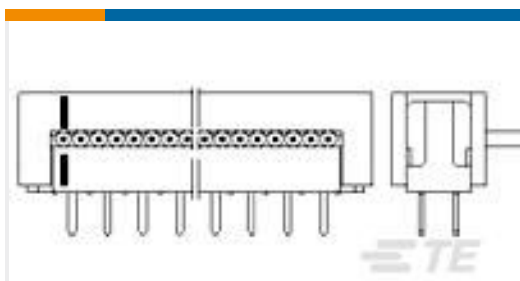
TE Part #163618-1
CIS COSI PIN POST



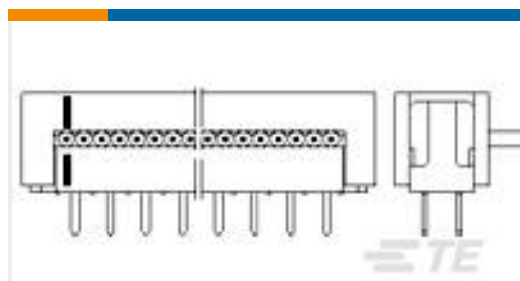
TE Part #1991234-1
SHIELD BODY & WAVE SPRING ASSY



TE Part #6-215915-0
AMP-LATCH 15.2 HIGH TAPE



TE Part #6-216791-0
AMP LATCH D/P ASSY



TE Part #6-216792-4
AMP LATCH ASSY



TE Part #964976-6
MODU2MM BU-GEH 2X6P



TE Part #964976-7
MODU2MM BU-GEH 2X7P



TE Part #1991231-2
EMC CRIMP SLEEVE. IPT 16-50mms



TE Part #5750340-1
Mini DIN, 8 pos, Vertical, Shield

Documents



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_103577-7_S.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_103577-7_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_103577-7_S.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English