167023-1 ✔ ACTIVE

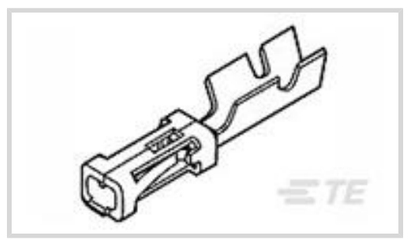
AMPMODU | AMPMODU IV/V

TE Internal #: 167023-1

Connector Contact, Socket, Wire-to-Board, 32 – 28 AWG Wire Size, 59.2 – 177.62 CMA Wire Size, .03 – .09 mm² Wire Size, Gold, Loose Piece, AMPMODU IV/V

View on TE.com >

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



Contact Type: **Socket**

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

Wire Size: **.03 – .09 mm²**

Features

Product Type Features

Applied Pressure	Standard
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Termination Resistance	12 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 V
Operating Voltage	250 VAC

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
	30 µin
Wire Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Compatible Insulation Diameter Range	1.2 mm[.047 in]
Wire Size	.03 – .09 mm²

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Approved Standards	CSA LR7189, UL E28476

Packaging Features

Packaging Quantity	200
Packaging Method	Loose Piece

Other

Connector Contacts Comment	For 0.63 mm "Round" Post and 0.63 x 0.63 mm "Square" Post.

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

TE Part # 925370-5
MOD IV REC HSG 2X5P.

TE Part # 925366-8
MOD 4 REC.HSG 1X08P

TE Part # 926476-3
MOD 4 HSG

TE Part # 925370-6
MOD.IV REC HSG, 2X6P

TE Part # 926476-8
MOD 4 HSG

TE Part # 925369-4
MOD IV HSG

TE Part # 926475-3
03P MODU 4 HSG.S.R.

TE Part # 926475-4
MOD 4 HSG

TE Part # 925369-3
MOD 4 REC.HSG 1X03P

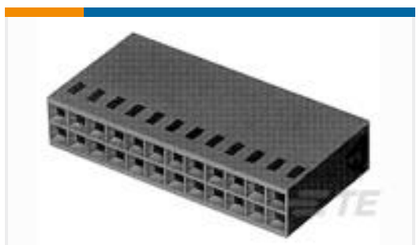
TE Part # 925369-6
MOD 4 REC.HSG 1X06P

TE Part # 925370-2
MOD IV REC HSG, 2X2P

TE Part # 925369-2
MOD 4 REC.HSG 1X02P

TE Part # 925366-2
MOD 4 REC.HSG 1X02P

TE Part # 925370-4
MOD IV REC HSG 2X4 POS



TE Part # 925367-4
MOD 4 REC.HSG 2X04P

TE Part # 925369-5
MOD 4 REC.HSG 1X05P

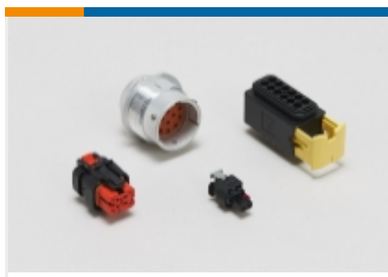
TE Part # 925370-3
MOD IV REC HSG, 2X3P

TE Part # 926476-6
MOD 4 HSG

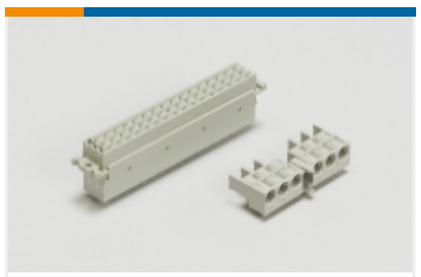
TE Part # 1-925366-0
MOD 4 REC.HSG 1X10P

TE Part # 5-925370-0
MOD IV REC HSG, 2X50P

Also in the Series | AMPMODU IV/V



Automotive Housings(2)

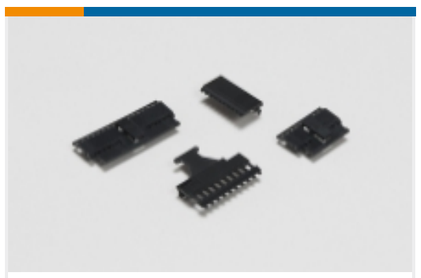


Backplane Connector Housings(1)

Board-to-Board Connector Contacts(6)

Connector Strain Relief(3)

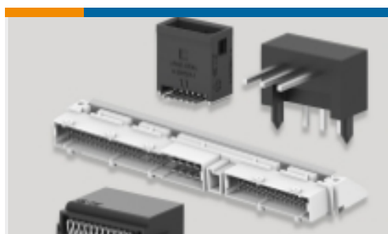
Insertion & Extraction Tools(4)



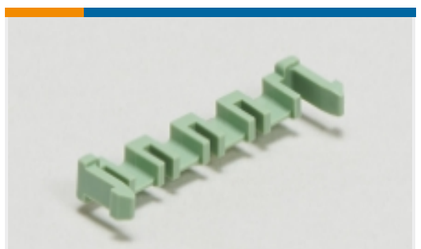
PCB Connector Covers(18)

PCB Connector Keying(6)

PCB Connector Mounting(1)

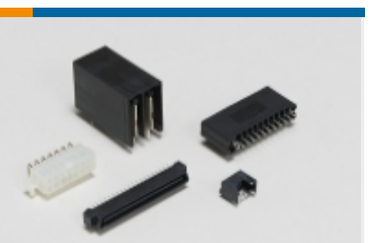


PCB Headers & Receptacles(934)

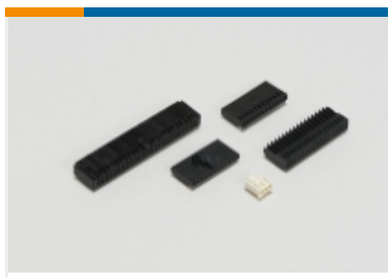


PCB Latches, Locks & Retainers(7)

Rectangular Connector Housings(5)



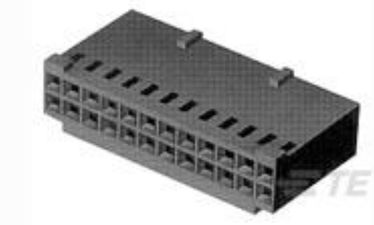
Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies & Housings(447)

Wire-to-Board Connector Contacts (322)

Customers Also Bought

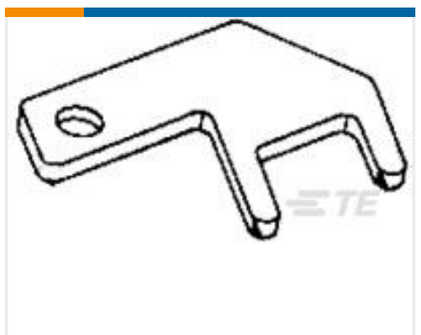


TE Part #280365
AMPMODU, DBL ROW, CONTACT REC

TE Part #280361
AMPMODU II REC. HSG, SINGLE ROW 8 POS

TE Part #925369-4
MOD IV HSG

TE Part #280359
AMPMODU II REC. HSG, SINGLE ROW, 4 POS.



TE Part #1-725996-2
110 FASTON,FLAG,PCB TAB,TPBR

TE Part #284174-E
STVC/2 48 F ABC VVV 7-00 TL 4,0 * 247 E0

Documents

CAD Files

3D PDF

English

Customer View Model
ENG_CVM_167023-1_O.3d_igs.zip

English

Customer View Model
ENG_CVM_167023-1_O.3d_stp.zip

English

Customer View Model
ENG_CVM_167023-1_O.2d_dxf.zip

English

Datasheets & Catalog Pages

AMPMODU Interconnetion System

AMPMODU Interconnetion System

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English