1-5102935-2 ✔ ACTIVE

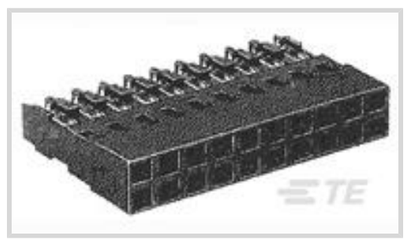
AMPMODU | AMPMODU IV/V

TE Internal #: 1-5102935-2

AMPMODU IV/V, Standard Rectangular Connectors, Connector Assembly, Housing for Female Terminals, Insulation Displacement Crimp (IDC), Wire-to-Board

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Housing for Female Terminals**

Mating Alignment: **Without**

Mating Retention: **Without**

Termination Method to Wire & Cable: **Insulation Displacement Crimp (IDC)**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board
Insertion Force Type	Normal
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Loaded Positions	16
Number of Positions	16
Number of Rows	2
Panel Gasket	Without

Contact Features

Contact Layout	Matrix
Contact Mating Area Plating Material	Gold (Au)
Contact Retention Within Housing	With
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)

Mechanical Attachment

Mating Alignment	Without
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	3.18 mm[.125 in]

Dimensions

Height	6.17 mm[.243 in]
Length	25.2 mm[.993 in]
Wire Size	.13 – .3 mm²
Row-to-Row Spacing	3.18 mm[.125 in]

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box
Packaging Quantity	66

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 2021 (211) Candidate List Declared Against: JUL 2019 (201) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900

	ppm.
Solder Process Capability	Not applicable for solder process capability

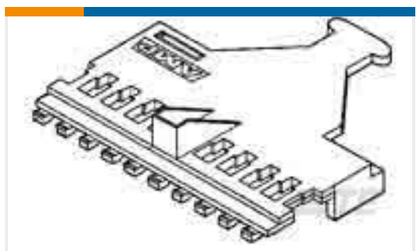
Product Compliance Disclaimer

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 # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME



TE Part # 103350-1
16 LEVEL V COVER .125CL

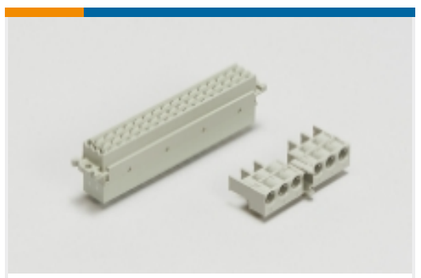
Also in the Series | AMPMODU IV/V



Automotive Headers(2)



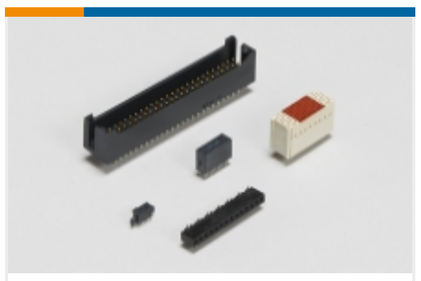
Automotive Housings(4)



Backplane Connector Housings(1)



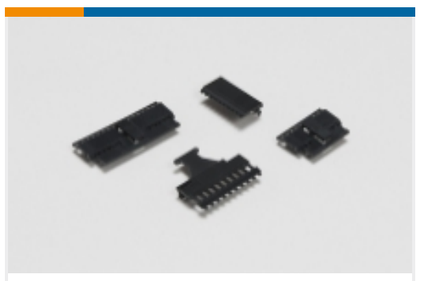
Board-to-Board Connector Contacts(6)



Board-to-Board Headers & Receptacles(937)



Insertion & Extraction Tools(4)



PCB Connector Covers(18)



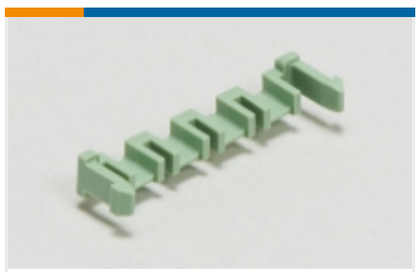
PCB Connector Keying(6)



PCB Connector Mounting(1)



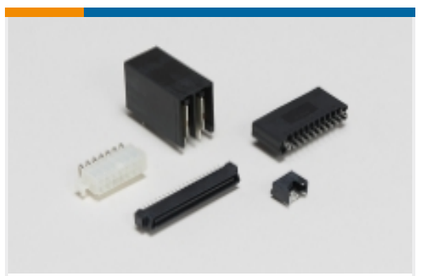
PCB Connector Strain Relief(3)



PCB Latches, Locks & Retainers(9)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies & Housings(472)



Wire-to-Board Connector Contacts (328)

Customers Also Bought



TE Part #1274084-1

BNC RF Connector: Male (Jack), Right-angle, 75 Ohm, 4 Ghz



TE Part #2-66507-8

D-Sub Connector Contacts: Pin, Brass, Signal, Size 20



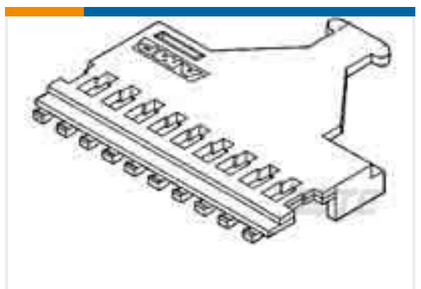
TE Part #YDTS24F25-29PNC001

D38999: Jam Nut, 25-29 Insert, Electroless Nickel Plating



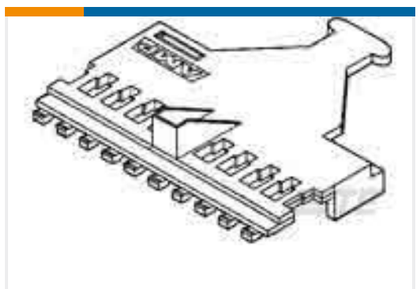
TE Part #1-696423-0

TERMINAL,PIDG PVF2 R 16-14 1/2



TE Part #103349-5

20 LEVEL V COVER .125CL



TE Part #103350-5

20 LEVEL V COVER .125CL



TE Part #1633169-6

CRIMPER, WIRE,SPEC.(.043" 'F')



TE Part #1633579-1

BLADE, SLUG



TE Part #1901260-1

CCII 16MAX ASSY



TE Part #2-1803325-0

CRIMPER, WIRE, F

Documents

Product Drawings

LEVEL V ASSY DR .125CL, 16, LF

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-5102935-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-5102935-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_1-5102935-2_D.3d_stp.zip

English

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

Product Specifications

Application Specification

English