2035239-1 ✔ ACTIVE

Generation Y | Generation Y Connector System

TE Internal #: 2035239-1

Vertical, Wire-to-Board, 54 Position, 3 Row, 2.54mm [.1in] Centerline, Tin (Sn), Printed Circuit Board, Signal, Black, Generation Y Connector System

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Automotive Parts > Automotive Connectors > Automotive Headers







PCB Mount Orientation: **Vertical**

Termination Method to PCB: **Surface Mount**

Sealable: **No**

Centerline (Pitch): **2.54 mm [.1 in]**

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

Features

Product Type Features

Mixed & Hybrid Header	No
Header Type	Fully Shrouded
Connector Shape	Rectangular
Connector Product Type	Connector Assembly
Sealable	No
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Sections	1
Number of Signal Positions	54
PCB Mount Orientation	Vertical
Number of Positions	54
Number of Rows	3

Body Features

Connector & Keying Code	A-E
Primary Product Color	Black

Contact Features

Mating Tab Thickness	.64 mm[.025 in]
Contact Type	Tab
Mating Tab Width	.64 mm[.025 in]
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

Mounting Holes	Without
Mating Alignment Type	Keyed
Mating Alignment	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

	.063 in
Connector Width	56.35 mm[2.22 in]
Connector Length	26.3 mm[1.03 in]

Operation/Application

Solder Process	Reflow Solder Capable
Shielded	No
Circuit Application	Signal

Packaging Features

Packaging Method	Tube
Packaging Quantity	26

Other

Interface Number	2035240

Product Compliance

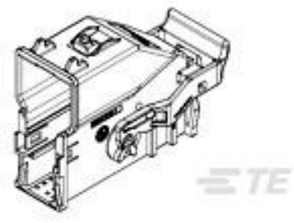
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

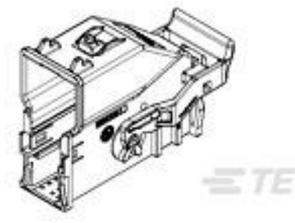
Product Compliance Disclaimer

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 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 # 1-1924337-3
Shield Assy, 54 POSN, 0.64mm, 20 DEG BLK



TE Part # 1924337-1
Shield Assembly, 54 POSN, 0.64mm BLK

Also in the Series | Generation Y Connector System



Automotive Housings(133)



Automotive Seals & Cavity Plugs(6)



Automotive Signal & Power Connector Housings(133)



Connector Seals & Cavity Plugs(6)

Customers Also Bought



TE Part #643569-1
06P MTA156 HDR ASSY W/O#2,5



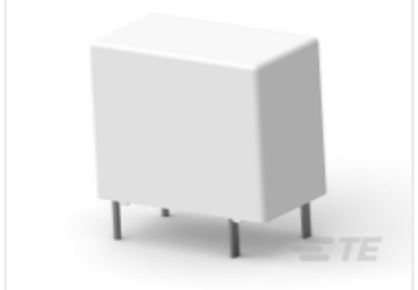
TE Part #1-928776-7
MOD2 STIFT M A-PIN



TE Part #2-928776-7
MOD2 STIFT M.A-PIN



TE Part #964187-2
110 FASTON TAB NPBR



TE Part #2071398-1
OJ-SS-112HM6-WG,00000



TE Part #2108609-5
3.0H SPRING FINGER WITH EMBOSS



TE Part #2110304-1
SFP+ 1x1 Cage Assembly, Solder Tail



TE Part #2315627-5
4POS,0.50,HDR ASSY,180DEG,COD E, HSL



TE Part #2315739-3
8POS,0.50,HDR ASSY,180DEG,COD C, HSL



TE Part #1-1456549-1
HDR ASSY,26P RA, RXIT, KEY AE, w /POST

Documents

Product Drawings

HDR ASY, 54P,VRT,SMT LAC,GEN Y,KEY A-E

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2035239-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2035239-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2035239-1_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