1-2288241-1 SUPERSEDED

Generation Y Connector System

TE Internal #: 1-2288241-1

TE Internal Description: 44P HYBRID HEADER ASSY, A-A KEY

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers







PCB Mount Orientation: **Horizontal**

Termination Method to PCB: **Through Hole - Press-Fit**

Sealable: **No**

Centerline (Pitch): **2.54 mm, 6.05 mm [.1 in, .238 in]**

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

Features

Product Type Features

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

Configuration Features

Number of Sections	2
Number of Signal Positions	40
PCB Mount Orientation	Horizontal
Number of Positions	44
Number of Rows	2

Body Features

Connector & Keying Code	A-A
Primary Product Color	Black

Contact Features

Mating Tab Thickness	.6 mm, .8 mm[.024 in][.031 in]
Contact Type	Tab
Mating Tab Width	.64 mm[.025 in]

Termination Features

Termination Method to PCB	Through Hole - Press-Fit

Mechanical Attachment

Mounting Holes	Without
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	2.54 mm, 6.05 mm[.1 in][.238 in]

Dimensions

Connector Width	35.3 mm[1.39 in]
PCB Thickness (Recommended)	1 – .8 mm[.04 – .031 in]
Connector Length	93.66 mm[3.687 in]
Profile Height from PCB	21.9 mm[.862 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C[212 °F]

Operation/Application

Shielded	No
Circuit Application	Power & Signal

Other

Interface Number	2288274, 2288276

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 2025 (250) Candidate List Declared Against: JAN 2024 (240) 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	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

Also in the Series | Generation Y Connector System



Automotive Connector Caps & Covers (19)



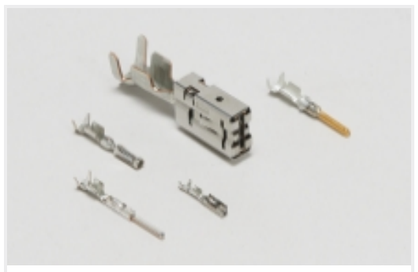
Automotive Housings(139)



Automotive Seals & Cavity Plugs(6)



Automotive Signal & Power Headers (13)

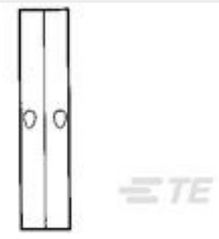


Automotive Terminals(43)

Customers Also Bought



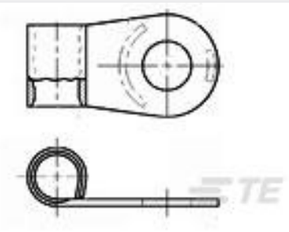
TE Part #CAT-HST-SCL
SCL Heat Shrink Tubing



TE Part #32151
SPLICE,SOLIS BUTT 12-10



TE Part #215297-4
4P HV100 REC CON. TE, 7.0MM



TE Part #321275
TERMINAL,SOLIS FLAG R 4 1/4



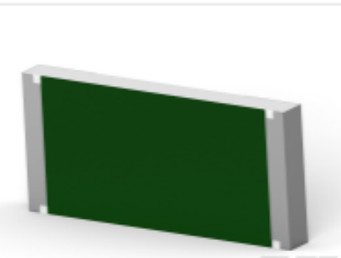
TE Part #1418850-3
MCON 1.2 CB REC SWS AG



TE Part #1718762-1
MCON 1.2 LL TAB SWS SN



TE Part #2138530-1
STRAIN RELIEF,14 POSITION AMPSEAL



TE Part #2-2176405-2
3550 15K 5%



TE Part #2288276-1
Assy,Plug,USCAR,GenY,20p,Key A, No CPA

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1-2288241-1_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1-2288241-1_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1-2288241-1_A.3d_stp.zip

English

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Product Specifications

Application Specification

English