1-1939638-0 ✔ ACTIVE

Dynamic Series | Dynamic 1000 Series

TE Internal #: 1-1939638-0

Dynamic 1000 Series, PCB Mount Header, Horizontal, Wire-to-Board, 40 Position, 2mm [.079in] Centerline, 2 Row, Gold, Black Housing Color

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles > DYNAMIC 1100 HDR ASSY



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **40**

Centerline (Pitch): **2 mm [.079 in]**

All DYNAMIC 1100 HDR ASSY (63)

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Horizontal
Number of Positions	40
Number of Rows	2

Contact Features

Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention Type	Retention Leg
PCB Mount Alignment	Without
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2 mm[.079 in]
Housing Color	Black
Housing Material	Polyester GF

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Package

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: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 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 # CAT-D9934-A15A
DYNAMIC 1100 REC AND TAB HSG

Also in the Series | Dynamic 1000 Series



Connector Contacts(1)



Insertion & Extraction Tools(2)



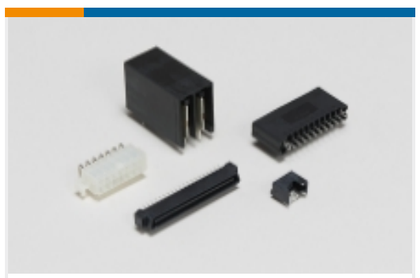
PCB Connector Keying(1)



PCB Connector Mounting(2)



Rectangular Connector Housings(2)



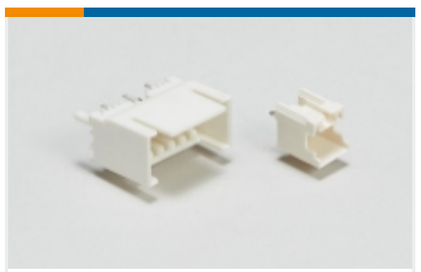
Standard Rectangular Connectors(1)



Wire-to-Board Connector Assemblies & Housings(165)



Wire-to-Board Connector Contacts(37)



Wire-to-Board Headers & Receptacles (162)

Customers Also Bought



TE Part #1-1827863-5
DYNAMIC 1100 REC AND TAB HSG



TE Part #1-338315-2
D-Sub Receptacle Assembly: Vertical, Shell Size 3, 2.77mm



TE Part #1-1939638-3
DYNAMIC 1100 HDR ASSY



TE Part #1-316080-2
DYNAMIC 3200 HDR ASSY



TE Part #1-1827876-0
DYNAMIC 1200 HDR ASSY

TE Part #ZPF000000000112895
INSERTION TOOL FOR CONTACT DIA2

Documents

Product Drawings

DYNAMIC 1100D HDR ASSY H 40P XBLACK GOLD

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1939638-0_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1939638-0_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1939638-0_D.3d_stp.zip

English

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

Datasheets & Catalog Pages

1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_1-1939638-0_12082017329_dmtec

English

MD_1-1939638-0_12082017329_dmtec

English

Agency Approvals

UL Report

English