



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles > DYNAMIC 3100 HDR ASSY



PCB Connector Assembly Type:

PCB Mount Header

PCB Mount Orientation:

Horizontal

Connector System:

Wire-to-Board

Number of Positions:

6

Centerline (Pitch):

3.81 mm [.15 in]

All DYNAMIC 3100 HDR ASSY (120)

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	6
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)	8 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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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)	3.81 mm[.15 in]
Housing Color	Black
Housing Material	Polyester GF

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Tube
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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: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
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-A75A

DYNAMIC 3100 REC AND TAB HSG

Also in the Series | Dynamic 3000 Series

Connector Contacts(3)	Insertion & Extraction Tools(1)	PCB Connector Keying(1)	PCB Connector Mounting(8)
PCB Terminal Blocks(25)	Standard Rectangular Connectors(2)	Wire-to-Board Connector Assemblies & Housings(152)	Wire-to-Board Connector Contacts(91)



Customers Also Bought

Documents

- Product Drawings

DYNAMIC D3100 HDR H 6P ASSY

English
- CAD Files

3D PDF

English

Customer View Model

ENG_CVM_3-178137-2_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_3-178137-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_3-178137-2_C.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

Product Specification

English

Product Environmental Compliance

MD_3-178137-2_11102017629_dmtec

English

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Agency Approvals

UL Report

English