

1-1939995-3 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 1000 Series](#)

TE Internal #: 1-1939995-3

PCB Mount Header, Vertical, Wire-to-Board, 26 Position, 2 mm [.079 in] Centerline, Fully Shrouded, Gold, Surface Mount, Dynamic 1000 Series

[View on TE.com >](#)



[Connectors](#) > [PCB Connectors](#) > [PCB Headers & Receptacles](#) > [Header Assembly: Wire-to-Board, 3A, Gold or Tin Plated](#)



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Vertical**

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

[All Header Assembly: Wire-to-Board, 3A, Gold or Tin Plated \(53\)](#)

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	Vertical
Number of Positions	26
Number of Rows	2

Body Features

Primary Product Color	Black
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Contact Features

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PCB Contact Termination Area Plating Material Thickness	2 µm[78.74 µin]
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Underplating Material Thickness	1.27 µm[50 µin]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mating Retention	With
PCB Mount Retention Type	Solder Peg
Mating Alignment Type	Keyed
PCB Mount Alignment Type	Locating Posts
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	2 mm[.079 in]

Usage Conditions

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

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 Quantity	40
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Packaging Method

Tray, Box

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 2024 (241)
Candidate List Declared Against: JUNE 2024 (241)
Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 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



Also in the Series | [Dynamic 1000 Series](#)



Connector Contacts(40)



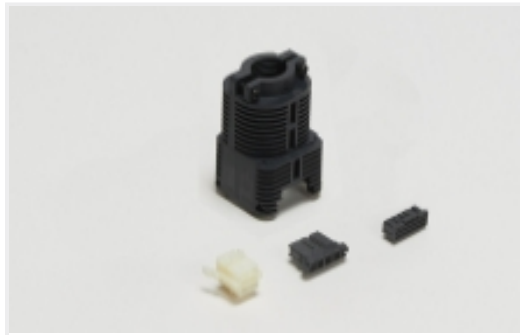
Connector Hardware(3)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(169)



Rectangular Connector Housings(2)



Wire-to-Board Connector Assemblies & Housings(152)

Customers Also Bought



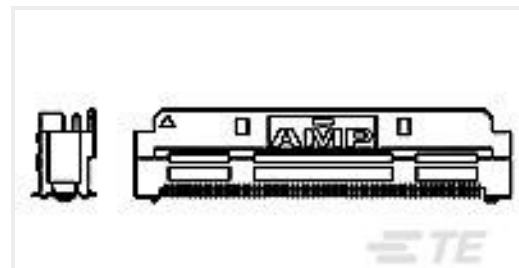
TE Part #178308-3
DYNAMIC D-3 HDR ASSY H 20P



TE Part #178289-8
DYNAMIC D3100 REC HSG 20P



TE Part #2322866-2
DYNAMIC D2100 HDR H ASSY 8P Y



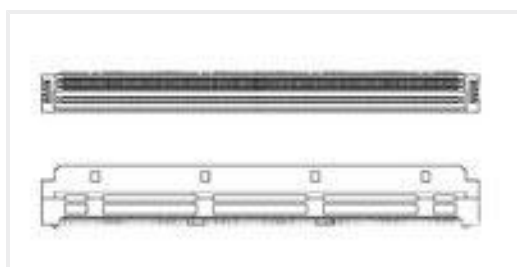
TE Part #316915-1
Z-STACK CONN 240P F16 ASSY



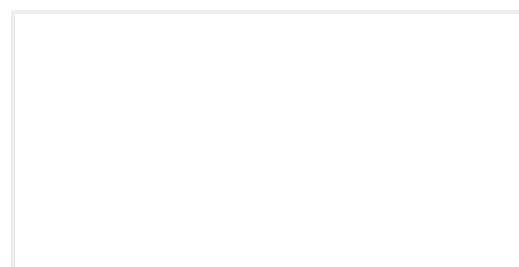
TE Part #1-1956226-1
RE035021



TE Part #1903188-8
IEX CONN. 1.27MMP V-REC ASSY SMT 100P



TE Part #9-1674788-1
240P F16 ASSY Z-STACK CONN. SEALING, PEG



TE Part #BKA199N00420205000
923 EXTENSION, SPEEDTEC-READY



TE Part #803744-SF
FN9222-6-06

Documents



Product Drawings

DYNAMIC D1100D SMT-HDR V 26P BLACK X

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1939995-3_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1939995-3_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1939995-3_E.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

1-1773721-5_DYNAMIC_SERIES_QRG

English

Product Specifications

Application Specification

English

Agency Approvals

TUV Certificate

English