

1-1969730-6 ✓ ACTIVE

Economy Power 2.5

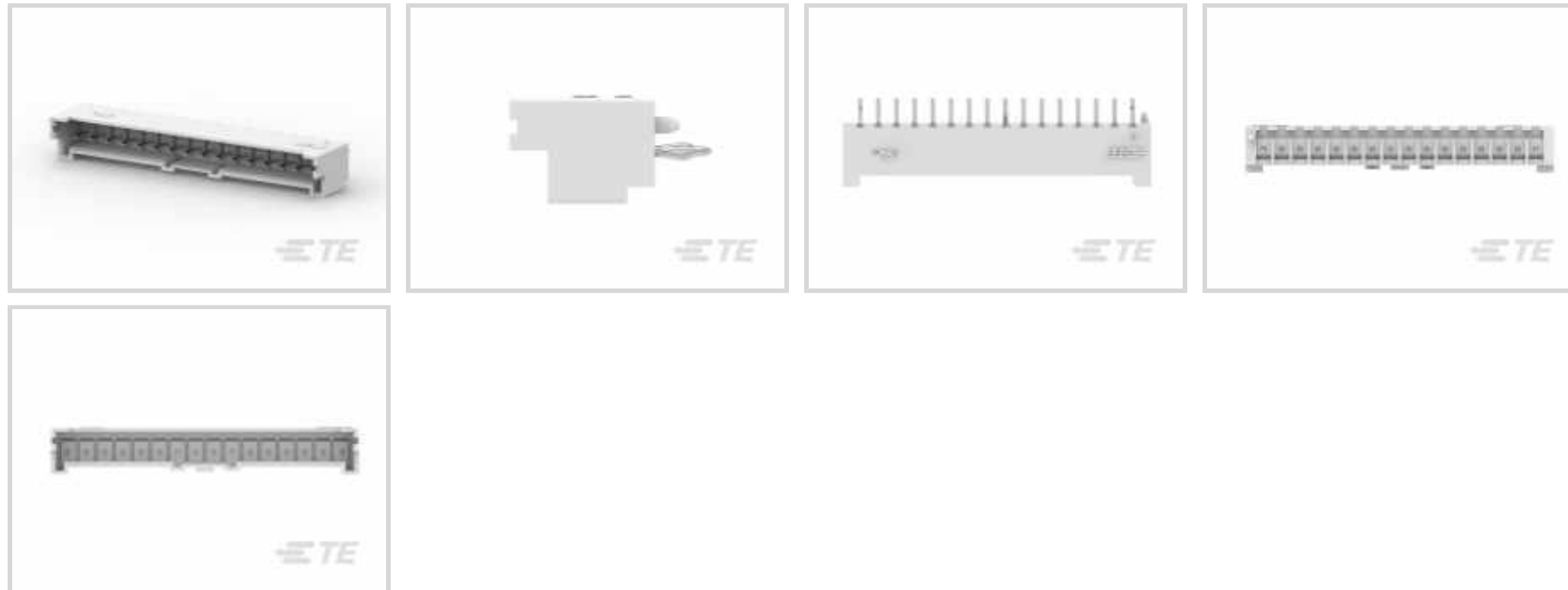
TE Internal #: 1-1969730-6

PCB Mount Header, Vertical, Wire-to-Board, 16 Position, 2.5 mm [.098 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Economy Power 2.5

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **16**

Number of Rows: **1**

Centerline (Pitch): **2.5 mm [.098 in]**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

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

Configuration Features

Number of Positions	16
Number of Rows	1
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Natural
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Contact Features

Mating Pin Diameter	.6 mm [.024 in]
Contact Mating Area Plating Material Thickness	2 – 5 μ m [80 – 200 μ in]



Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	4.2 A

Termination Features

Round Termination Post & Tail Diameter	.6 mm[.024 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

Housing Material	PBT
Centerline (Pitch)	2.5 mm[.098 in]

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 Type	Bag, Box
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2023 (233)

Candidate List Declared Against: JAN 2023 (233)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not reviewed 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>

Compatible Parts



TE Part # 1-2132230-6
EP2.5 Shrouded HDR ASSY 16P VE



TE Part # 1-1969730-4
EP2.5 SHROUDED HDR ASSY 14P VERTICAL



TE Part # 1-2132230-1
EP2.5 Shrouded HDR ASSY 11P VE



TE Part # 1-1969541-6
RETAINER, TPA, DUAL ROW, EP2.5



TE Part # 1-1969730-0
EP2.5 SHROUDED HDR ASSY 10P VERTICAL



TE Part # 1-1969730-2
EP2.5 SHROUDED HDR ASSY 12P VERTICAL



TE Part # 1-1969730-3
EP2.5 SHROUDED HDR ASSY 13P VERTICAL



TE Part # 1-1969730-5
EP2.5 SHROUDED HDR ASSY 15P VERTICAL




TE Part # 1-1969730-7
EP2.5 SHROUDED HDR ASSY 17P
VERTICAL



TE Part # 1-1969730-8
EP2.5 SHROUDED HDR ASSY 18P
VERTICAL



TE Part # 1-1969730-9
EP2.5 SHROUDED HDR ASSY 19P
VERTICAL




TE Part # 1969729-4
EP2.5 Shrouded HDR ASSY 4P VERT w
/o boss



TE Part # 2-1969730-0
EP2.5 SHROUDED HDR ASSY 20P
VERTICAL

Also in the Series | Economy Power 2.5




Insertion & Extraction Tools(1)



PCB Headers & Receptacles(408)




PCB Latches, Locks & Retainers(49)



Rectangular Power Connectors(43)



Wire-to-Board Connector Assemblies
& Housings(311)



Wire-to-Board Connector Contacts(6)

Customers Also Bought



TE Part #1-1827862-5
DYNAMIC 1100D REC HSG 10P X
BLACK



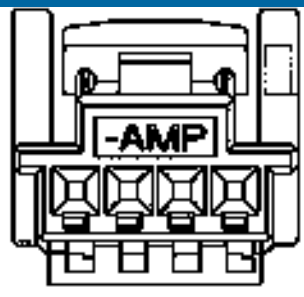
TE Part #1-1827864-2
DYNAMIC 1200D REC HSG 4P X
BLACK



TE Part #1-178136-5
DYNAMIC D3200 HDR V ASSY 3P



TE Part #1-1827875-2
DYNAMIC 1200D HDR ASSY V 4P X
BLACK GOLD



TE Part #1473672-1
025 PLUG ASSY



TE Part #180429-2
250 FASTON, FLAG, REC., 17-14 AWG,
TPBR



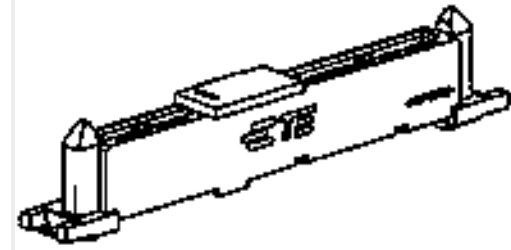
TE Part #1-640445-2
12P MTA156 HDR ASSY FL/STR SN



TE Part #1761014-3
SFP 1X2 CAGE ASSY, PRESS FIT



TE Part #2-320575-1
TERMINAL, PIDG R 16-14 5/16



TE Part #1735944-1
SATA BACKPLANE RECEPTACLE, VER

Documents

Product Drawings

EP2.5 SHROUDED HDR ASSY 16P VERTICAL

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1969730-6_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1969730-6_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1969730-6_A.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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

1-1969730-6

PCB Mount Header, Vertical, Wire-to-Board, 16 Position, 2.5 mm [.098 in] Centerline,
Fully Shrouded, Tin, Through Hole - Solder, Economy Power 2.5



[Agency Approvals](#)

[UL Report](#)

English