

2-179959-2 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 5000 Series](#)

TE Internal #: 2-179959-2

Dynamic 5000 Series, PCB Mount Header, Horizontal, Wire-to-Board, 6 Position, 10.16mm [.4in] Centerline, 1 Row, Gold, Black Housing Color

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[Connectors](#) > [PCB Connectors](#) > [Wire-to-Board Connectors](#) > [Wire-to-Board Headers & Receptacles](#) > [DYNAMIC 5000 HDR ASSY](#)



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

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **6**

Centerline (Pitch): **10.16 mm [.4 in]**

[All DYNAMIC 5000 HDR ASSY \(59\)](#)

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	1

Contact Features

Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.38 μ m[15 μ in]
Contact Type	Pin
Contact Current Rating (Max)	30 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)	10.16 mm[.4 in]
Housing Color	Black
Housing Material	Polyester GF

Usage Conditions

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



Also in the Series | Dynamic 5000 Series



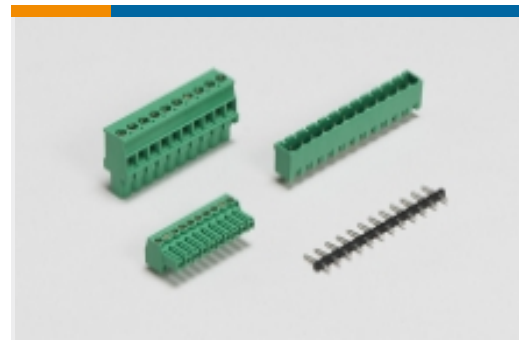
Insertion & Extraction Tools(1)



PCB Connector Mounting(3)



PCB Connector Strain Relief(2)



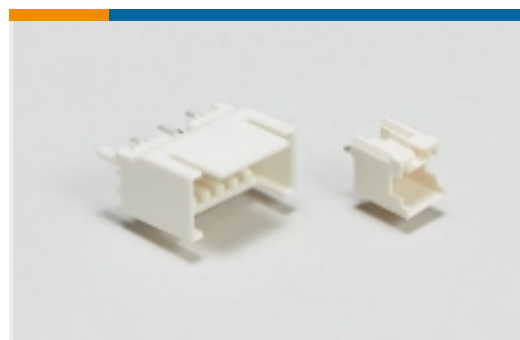
PCB Terminal Blocks(6)



Wire-to-Board Connector Assemblies & Housings(71)



Wire-to-Board Connector Contacts(43)



Wire-to-Board Headers & Receptacles (59)

Customers Also Bought



TE Part #2-353081-2
DYNAMIC 5000 HDR ASSY



TE Part #34103
SOLIS R 22-16 COMM 22-18 MIL 2



TE Part #350824-1
02P UMNL HDR ASSY PC 94VO



TE Part #2-328489-1
PIDG SPADE TONGUE TERMINALS



TE Part #204527-1
AMPLIMITE,ASY,PLUG,FB,90,2



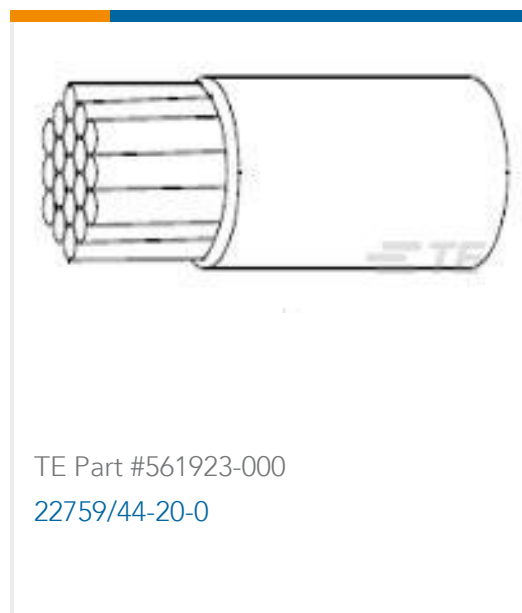
TE Part #YDTS26G23-53PCV001
D38999: Straight Plug, 23-53 Insert



TE Part #5-147323-8
09 MTE HDR SRRRA SMT.100CL



TE Part #211633-1
HD109 9 POS GMT ASY RCPT HSG



TE Part #561923-000
22759/44-20-0



TE Part #142809-000
D-153-6001

Documents

Product Drawings

[DYNAMIC D-5200 HDR ASSY 6P H Y](#)

Japanese

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_2-179959-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_2-179959-2_D.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_2-179959-2_D.2d_dxf.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 Specification](#)

English