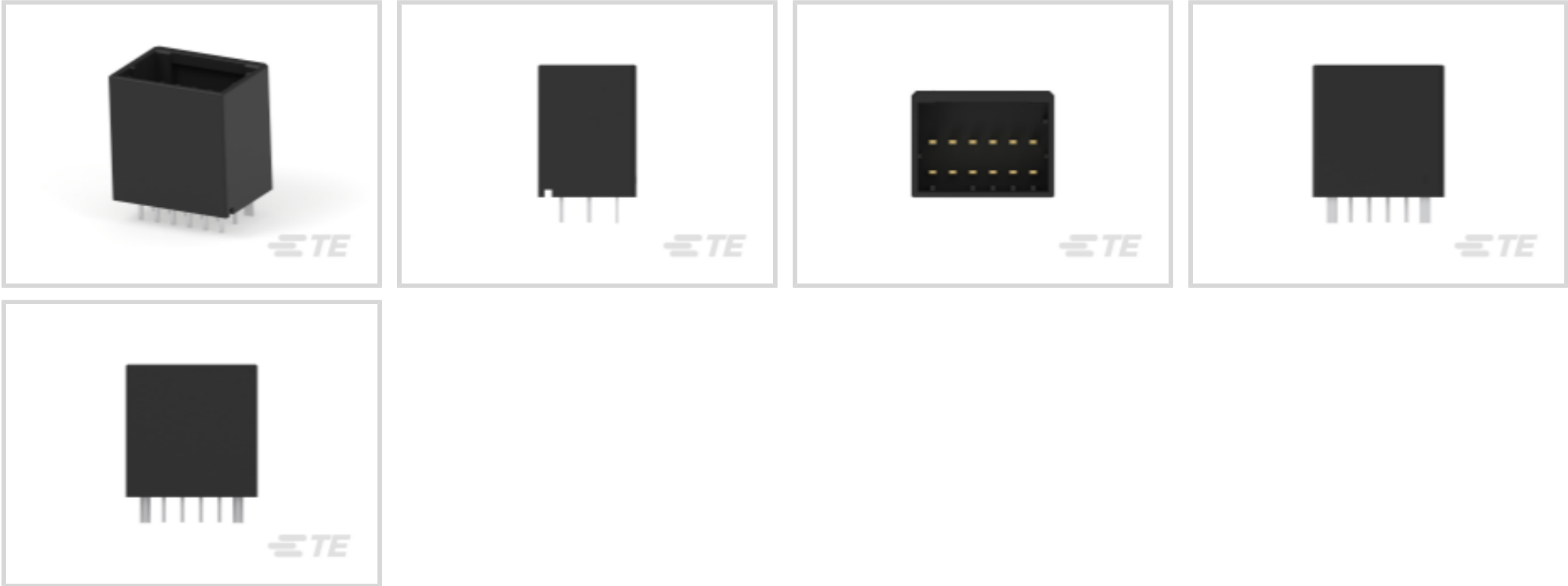




Connectors > PCB Connectors > PCB Headers & Receptacles > DYNAMIC 2000 HDR ASSY



PCB Connector Type: PCB Mount Header

PCB Mount Orientation: Vertical

Connector System: Wire-to-Board

Number of Positions: 12

Number of Rows: 2

[All DYNAMIC 2000 HDR ASSY \(44\)](#)

Features

Product Type Features

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

Configuration Features

|                       |          |
|-----------------------|----------|
| PCB Mount Orientation | Vertical |
| Number of Positions   | 12       |
| Number of Rows        | 2        |

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features



|                                                |                |
|------------------------------------------------|----------------|
| Contact Mating Area Plating Material Thickness | .38 μm[15 μin] |
| Contact Mating Area Plating Material           | Gold (Au)      |
| Contact Type                                   | Pin            |
| Contact Current Rating (Max)                   | 5 A            |

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Mechanical Attachment

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

Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | Polyester GF    |
| Centerline (Pitch) | 2.5 mm[.099 in] |

Usage Conditions

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

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

|                  |           |
|------------------|-----------|
| Packaging Method | Box, Tube |
|------------------|-----------|

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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247) |



|                           |                                                |
|---------------------------|------------------------------------------------|
|                           | Does not contain REACH SVHC                    |
| Halogen Content           | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 240°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 # 2-1318118-6  
DYNAMIC D2100 REC 12P DBL Y

Also in the Series | Dynamic 2000 Series

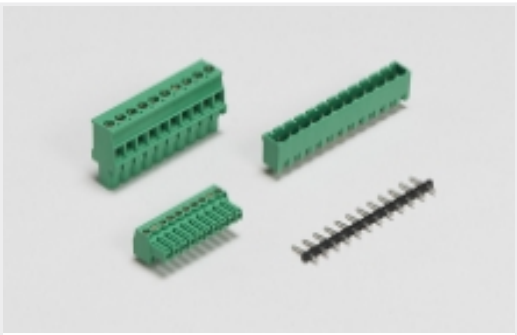
Connector Contacts(10)

Connector Hardware(3)

Insertion & Extraction Tools(2)

PCB Headers & Receptacles(58)





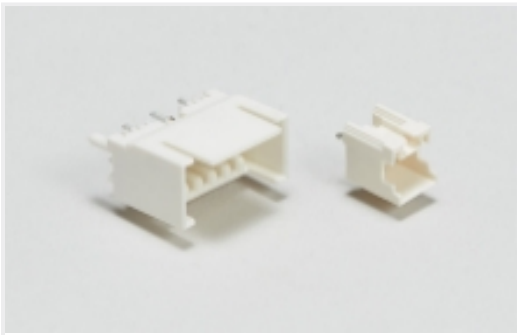
PCB Terminal Blocks(9)



Power Contacts(10)



Rectangular Power Connectors(53)

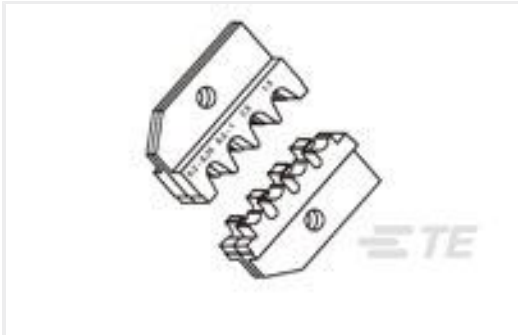


Wire-to-Board Headers & Receptacles (58)

Customers Also Bought



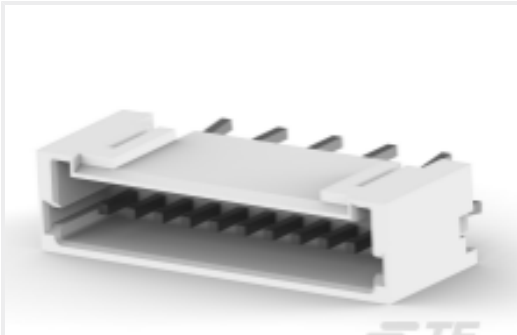
TE Part #3-292206-5  
MINI CT SGL DIP H 15P BLACK



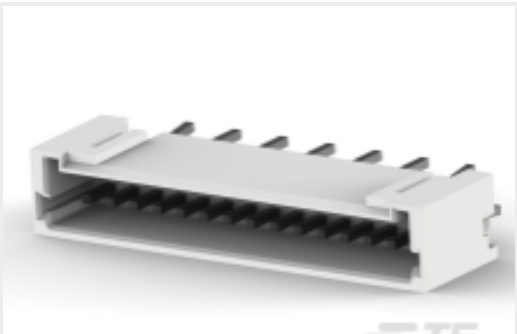
TE Part #539734-2  
DIE SPT 4MM



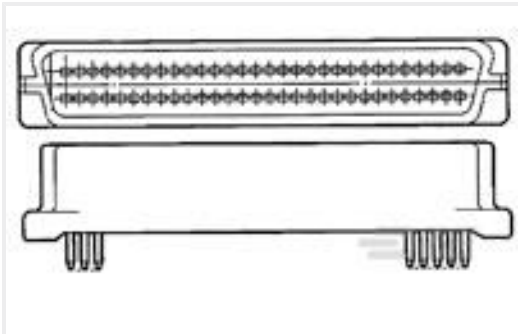
TE Part #1-292207-0  
MINI CT SGL DIP V 10P NAT



TE Part #3-292207-1  
MINI CT SGL DIP V 11P BLACK



TE Part #3-292207-5  
MINI CT SGL DIP V 15P BLACK



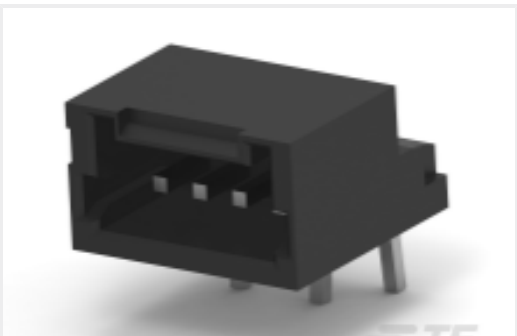
TE Part #5174216-1  
AMPLIMITE.050 CAP ASS'Y (V) 30P PB-FREE



TE Part #3-292206-7  
MINI CT SGL DIP H 17P BLACK



TE Part #2-292207-6  
MINI CT SGL DIP V 6P BLACK



TE Part #2-292206-4  
MINI CT SGL DIP H 4P BLACK



TE Part #1-292206-7  
MINI CT SGL DIP H 17P NAT

Documents

Product Drawings

V-HDR ASSY 12P FOR SEQUENTIAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1318126-2\_E.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1318126-2\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1318126-2\\_E.3d\\_stp.zip](#)

English

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

Product Specifications

Dynamic Connector D-2000 Series

Japanese

Application Specification

Japanese

Agency Approvals

Agency Approval Document

English