

2-178129-6 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 3000 Series](#)

TE Internal #: 2-178129-6

Housing, Plug, Wire-to-Wire, 6 Position, 5.08 mm [.2 in] Centerline, Crimp, 2 Row, Black, Mating Retention, Wire & Cable, Dynamic 3000 Series

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[Connectors](#) > [PCB Connectors](#) > [Wire-to-Board Connectors](#) > [Wire-to-Board Connector Assemblies & Housings](#) >

DYNAMIC 3100 REC AND TAB HSG



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **6**

Centerline (Pitch): **5.08 mm [.2 in]**

[All DYNAMIC 3100 REC AND TAB HSG \(45\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	2

Housing Features

Centerline (Pitch)	5.08 mm [.2 in]
Housing Material	Polyester GF



Termination Features

Termination Method to Wire & Cable	Crimp
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Dimensions

Row-to-Row Spacing	7.62 mm[.299 in]
Connector Width	22.8 mm[.89 in]
Connector Height	14.77 mm[.58 in]
Connector Length	26.99 mm[1.06 in]

Body Features

Primary Product Color	Black
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Mechanical Attachment

Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Operation/Application

Circuit Application	Power & Signal
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Usage Conditions

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Contact Features

Contact Base Material	Copper Alloy
Contact Type	Receptacle

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Bag
Packaging Quantity	1200

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable 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 # CAT-D9934-A75
DYNAMIC 3000 CONTACT



TE Part # CAT-D9934-A75F
DYNAMIC 3200 HDR ASSY



TE Part # 2-2492007-7
DYNAMIC 3200 HDR H 6P ASSY PdNi



TE Part # 2-2492007-8
DYNAMIC 3200 HDR H 6P ASSY PdNi



TE Part # 2-2492010-7
DYNAMIC D3200 HDR V ASSY 6P PdNi



TE Part # 2-2492010-8
DYNAMIC D3200 HDR V ASSY 6P PdNi

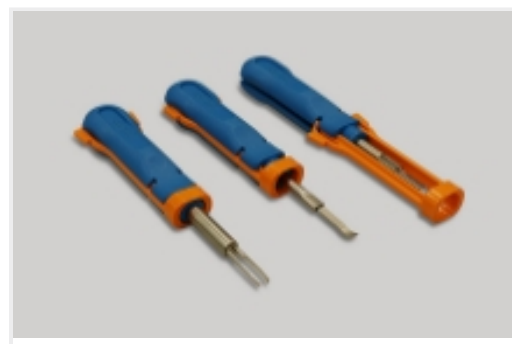
Also in the Series | [Dynamic 3000 Series](#)



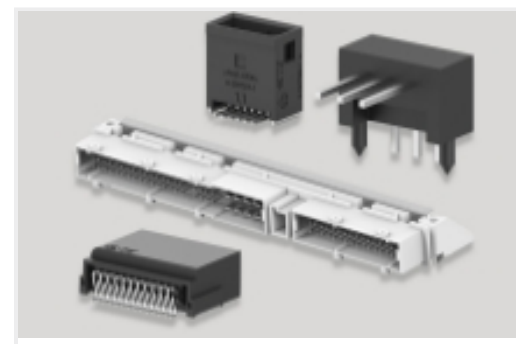
Connector Contacts(94)



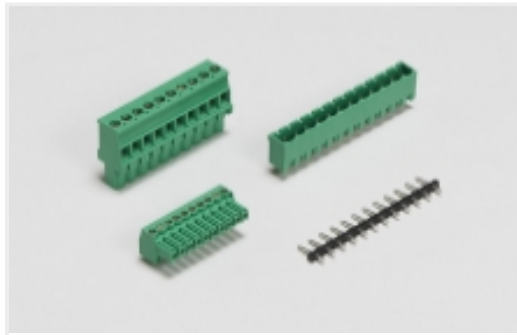
Connector Hardware(8)



Insertion & Extraction Tools(2)



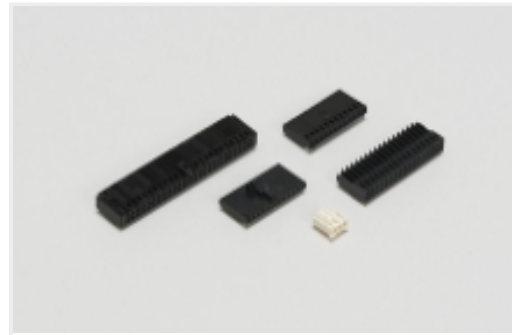
PCB Headers & Receptacles(282)



PCB Terminal Blocks(37)



Standard Rectangular Connectors(2)



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

Customers Also Bought



TE Part #2-178128-5
Receptacle and Tab Housing: 5.08 mm Pitch, 250-600V



TE Part #3-917807-2
DYNAMIC D-5200M REC HSG 4P X-Y



TE Part #1827540-1
DYNAMIC D-2600 HYBRID REC HSG 48P



TE Part #2-1747276-3
DYNAMIC D4200 REC HSG 3P/Y



TE Part #179955-2
DYNAMIC D-5 REC CONT. S FORM.



TE Part #91573-1
CCII 070 SERIES REC TAB 20-16 ASSY

Documents

Product Drawings

6-P DYNAMIC PLUG-H D3200 5.08

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_2-178129-6_E1.2d_dxf.zip



English

Customer View Model

[ENG_CVM_2-178129-6_E1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_2-178129-6_E1.3d_stp.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-178129-6_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-178129-6_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-178129-6_R.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[TUV Certificate](#)

English