

DYNAMIC D-5 REC HSG X SGL ROW ✓ ACTIVE

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

TE Part # 1-179958-6

TE Internal #: 1-179958-6

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[Connectors](#) > [Rectangular Connectors](#) > [Rectangular Connector Housings](#)



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

Number of Positions: **6**

Centerline (Pitch): **10.16 mm [.399 in]**

Number of Rows: **1**

Housing Material: **Polyester GF**

Features

Product Type Features

Series Number	5000
Connector System	Wire-to-Board, Wire-to-Panel, Wire-to-Wire
Connector Style	Receptacle
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector Type	Housing
Product Type	Connector
Glow Wire Rating	Standard Part - Not Glow Wire

Configuration Features

Number of Cavities	6
Number of Positions	6
Number of Rows	1
Preloaded	No

Electrical Characteristics

Operating Voltage	630 VDC
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Contact Features

Multiple Contact Types	Without
Contact Layout	Inline
Shunts/Shorting Bars	Without

Contact Type	Socket
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Mechanical Attachment

Panel Mount Feature	Without
Panel Mount	No
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	10.16 mm[.399 in]
Housing Material	Polyester GF
Housing Color	Black

Dimensions

Height	29 mm[1.141 in]
Length	74 mm[2.913 in]
Width	9.8 mm[.385 in]

Usage Conditions

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

Halogen Free	Yes
Circuit Application	Power
For Use With	Plug Housing & Header

Industry Standards

CSA Rating	Certified
Agency/Standard	CSA, UL
CSA Certified	Yes
CSA File Number	LR7189
VDE Tested	No
UL File Number	E28476
UL Flammability Rating	UL 94V-0
UL Rating	Recognized

Packaging Features

Packaging Quantity	70
Packaging Method	Bag



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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

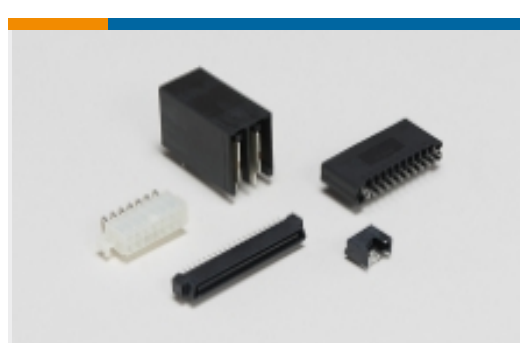
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

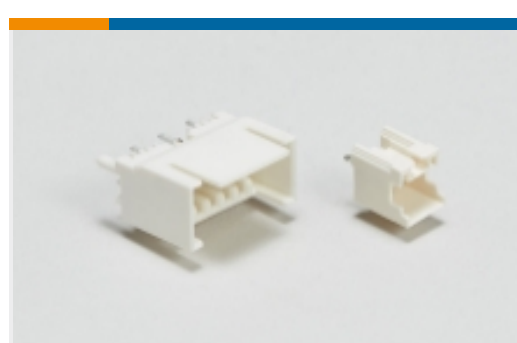
Compatible Parts



Connector Contacts(22)



Standard Rectangular Connectors(2)



Wire-to-Board Headers & Receptacles(3)

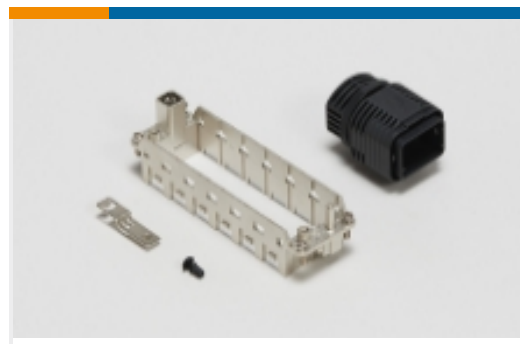
Also in the Series | [Dynamic 5000 Series](#)



Connector Contacts(43)



Rectangular Backshells & Clamps(2)



Rectangular Connector Hardware(2)



Rectangular Connector Housings(54)



Standard Rectangular Connectors(57)



Wire-to-Board Connector Housings(4)



Wire-to-Board Headers & Receptacles(13)

Customers Also Bought



TE Part #171822-8
EIS REC. HSG 8P-
NATURAL



TE Part #1-179958-4
DYNAMIC D-5200S REC
HSG 4P K/X



TE Part #917803-2
DYNAMIC D-5 TAB
CONT. M AU



TE Part #179956-2
DYNAMIC D-5 REC
CONT. M FORM



TE Part #1-179959-2
DYNAMIC D-5200 HDR
ASSY 6P H X



TE Part #1-178288-6
DYNAMIC 3100 REC HSG
6P



TE Part #1-178316-2
DYNAMIC 3100 HDR ASSY
6P V K/X



TE Part #1-179960-2
DYNAMIC D-5200 HDR
ASSY 6P V X



TE Part #2-179958-6
DYNAMIC D-5 REC HSG Y
SGL ROW



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

Documents



Product Drawings

[DYNAMIC D-5 REC HSG X SGL ROW](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-179958-6_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-179958-6_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-179958-6_N.3d_stp.zip](#)

English

Datasheets & Catalog Pages

[1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH](#)

English

Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

Product Environmental Compliance

[MD_1-179958-6_01202015147_dmtec](#)

English

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