

DYNAMIC D3100S REC HSG 8P X

✓ ACTIVE

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

TE Part # 1-178288-7

TE Internal #: 1-178288-7

[View on TE.com >](#)



Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Number of Positions: 8

Centerline (Pitch): 3.81 mm [.1499 in]

Number of Rows: 1

Housing Material: Polyester GF

Features

Product Type Features

Series Number	3000
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	8
Number of Positions	8
Number of Rows	1
Preloaded	No

Electrical Characteristics

Operating Voltage	250 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)	3.81 mm[.1499 in]
Housing Material	Polyester GF
Housing Color	Black

Dimensions

Height	22.8 mm[.897 in]
Length	45.81 mm[1.803 in]
Width	7.15 mm[.281 in]

Usage Conditions

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

Halogen Free	Yes
Circuit Application	Power & Signal
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	200
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

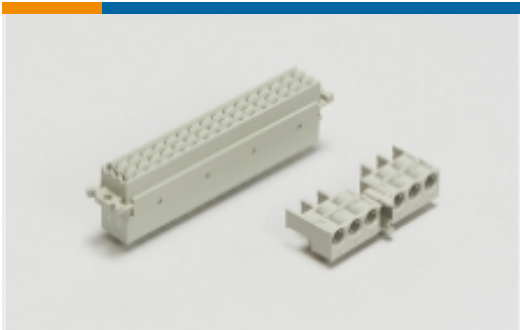


Connector Contacts(28)



Standard Rectangular Connectors(2)

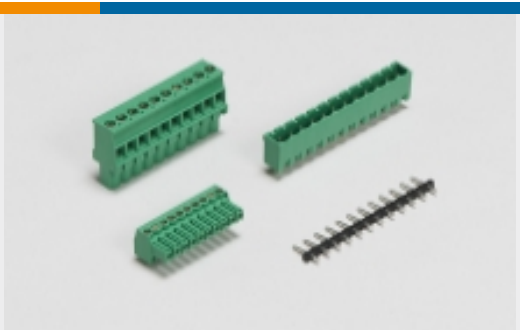
Also in the Series | [Dynamic 3000 Series](#)



Backplane Connector Housings(2)



Connector Contacts(103)



PCB Terminal Blocks(4)



Rectangular Backshells & Clamps(2)



Rectangular Connector Hardware(7)



Rectangular Connector Housings(132)



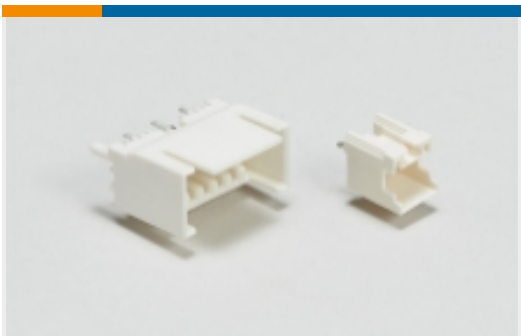
Rectangular Connector Keying Plugs(1)



Standard Rectangular Connectors(291)



Wire-to-Board Connector Housings(2)



Wire-to-Board Headers & Receptacles(14)

Customers Also Bought



TE Part #175217-2
DYNAMIC REC CONTACT M L/P



TE Part #175289-2
DYNAMIC D-3 TAB CONT. L L/P



TE Part #175288-2
DYNAMIC D-3 TAB CONT. M L/P



TE Part #1-178288-5
3.81 DYNAMIC REC HSG 5P



TE Part #1-178802-7
DYNAMIC3100S TAB HSG 8P PM X-K



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



TE Part #175855-1
DYNAMIC KEYING PLUG FOR REC

Documents



Product Drawings

DYNAMIC D3100S REC HSG 8P X

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-178288-7_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-178288-7_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-178288-7_S.3d_stp.zip

English

Datasheets & Catalog Pages

1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH

English

Product Specifications

Product Specification

English

Product Environmental Compliance

TE Material Declaration

English