

DYNAMIC 1500T REC HSG 12P X BLACK ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 1000 Series](#)

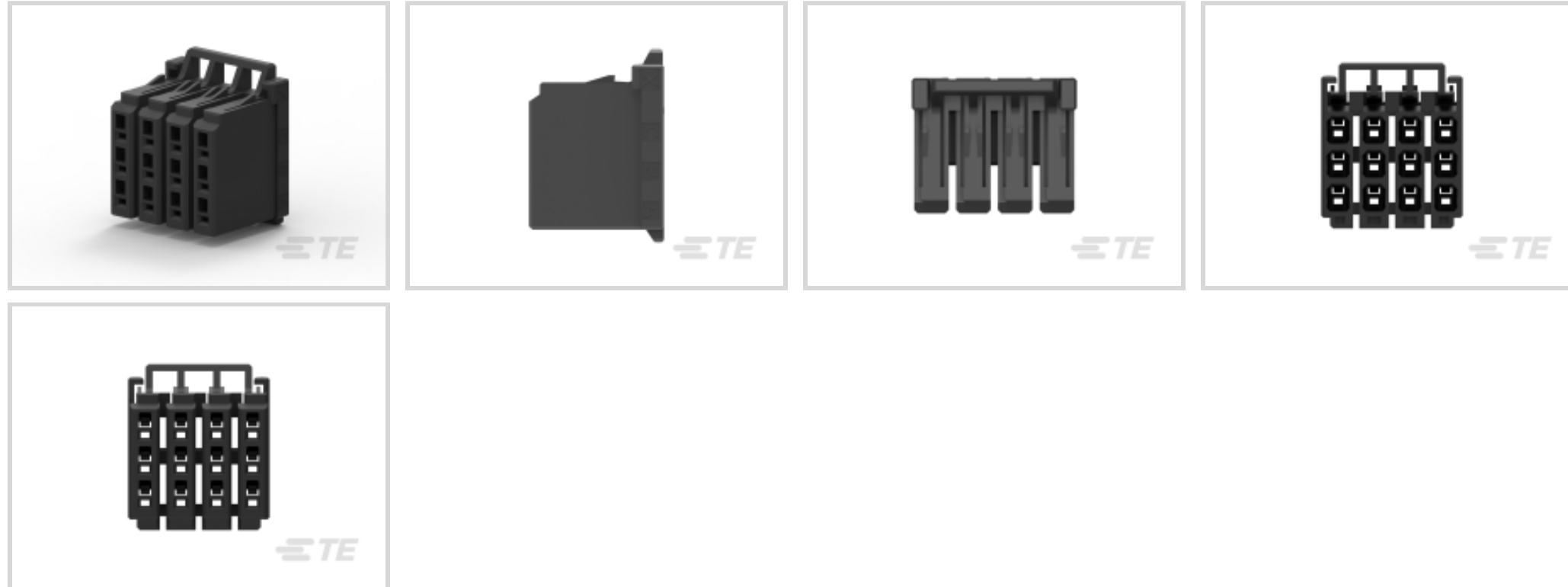
TE Part # 1-2069029-4

TE Internal #: 1-2069029-4

[View on TE.com >](#)



Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Number of Positions: **12**

Centerline (Pitch): **3.5 mm [.138 in]**

Row-to-Row Spacing: **3.3 mm [.129 in]**

Number of Rows: **3**

Features

Product Type Features

Series Number	1000
Connector System	Wire-to-Board, Wire-to-Panel, Wire-to-Wire
Row-to-Row Spacing	3.3 mm[.129 in]
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	12
Number of Positions	12
Number of Rows	3
Preloaded	No

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Multiple Contact Types	Without
Contact Layout	Matrix
Shunts/Shorting Bars	Without
Contact Type	Socket

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3.5 mm[.138 in]
Housing Material	Polyester GF
Housing Color	Black

Dimensions

Height	11.3 mm[.444 in]
Length	13.8 mm[.543 in]
Width	16.15 mm[.635 in]

Usage Conditions

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

Halogen Free	Yes
Circuit Application	Signal
For Use With	Tab Housing

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	300
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: JUN 2018 (191)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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

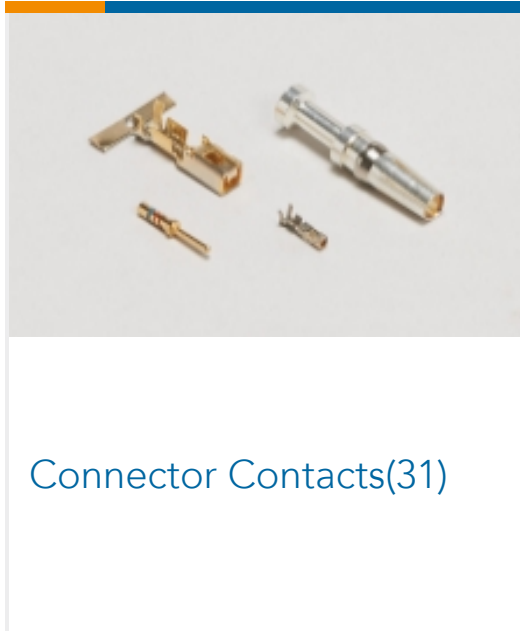


TE Part # 1-2040404-4
DYNAMIC 1500T TAB
HSG 12PX P/M

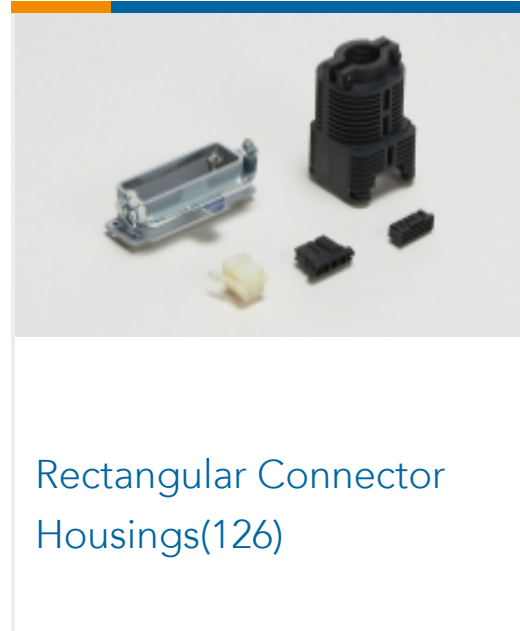


TE Part # 1-1827581-4
DYNAMIC 1500T HDR
ASSY V 12PX BLACK GOLD

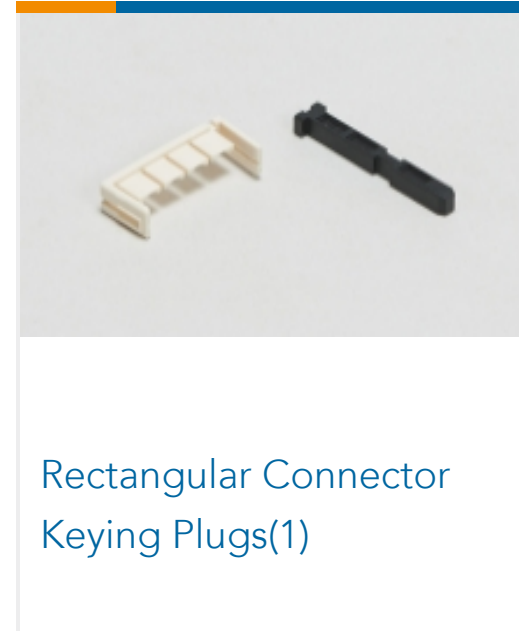
Also in the Series | Dynamic 1000 Series



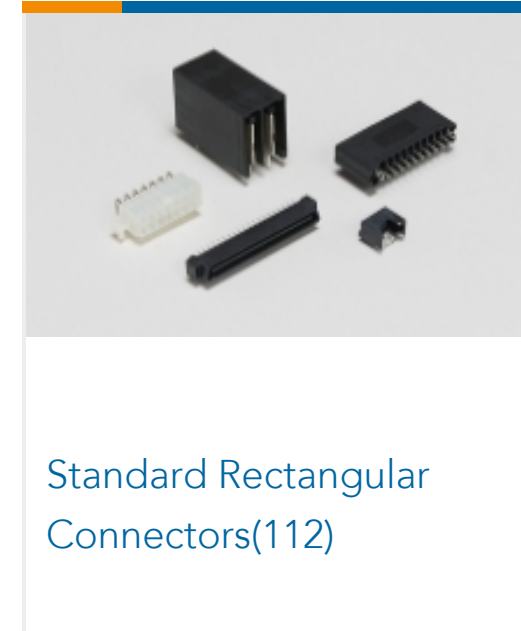
Connector Contacts(31)



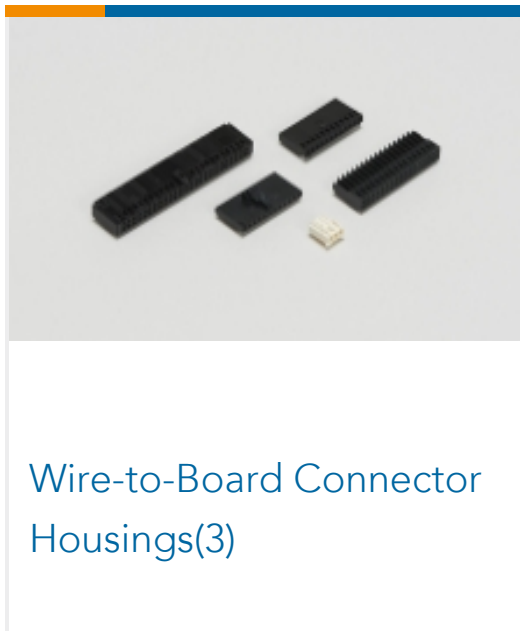
Rectangular Connector
Housings(126)



Rectangular Connector
Keying Plugs(1)



Standard Rectangular
Connectors(112)



Wire-to-Board Connector
Housings(3)



Wire-to-Board Headers &
Receptacles(47)

Customers Also Bought



TE Part #5-1473571-8
RITS.JUNCTION BOX 2D
8P F/H



TE Part #2-1746741-8
RITS CONN.SOCKET
ASSY 8P BLUE



TE Part #1971151-2
D1500 Junction Box 34P, V
Mount type



TE Part #1-1747501-2
DYNAMIC D4200 TAB
CONT M/LP LONG



TE Part #1-2040444-2
DYNAMIC 1500T TAB
HSG 6PX F/H



TE Part #1-2069029-2
DYNAMIC 1500T REC
HSG 6P X BLACK



TE Part #1-2069029-3
DYNAMIC 1500T REC
HSG 9P X BLACK



TE Part #178480-1
AMP UP CAP HSG F/H 6P
NATURAL



TE Part #2069524-1
DYNAMIC PLUG FRAME
HSG W



TE Part #2174022-1
D5000 TAB CONT L
LONG L/P Ag

Documents

Product Drawings

DYNAMIC 1500T REC HSG 12P X BLACK

Japanese

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2069029-4_J_c-1-2069029-4-j.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2069029-4_J_c-1-2069029-4-j.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2069029-4_J_c-1-2069029-4-j.3d_stp.zip](#)

English

Datasheets & Catalog Pages

[1-1773732-4_DYNAMIC_SERIES_CATALOG_ENGLISH](#)

English

Product Specifications

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

English

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