



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: **Receptacle**

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

Number of Positions: **8**

Centerline (Pitch): **3.81 mm [.15 in]**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	8
Number of Rows	2

Body Features

Primary Product Color	Black
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Contact Features

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Contact Type	Receptacle
Contact Base Material	Copper Alloy

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	3.81 mm[.15 in]

Dimensions

Connector Length	28.17 mm[1.1 in]
Connector Height	12.23 mm[.48 in]
Row-to-Row Spacing	5.08 mm[.2 in]

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	150
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: 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



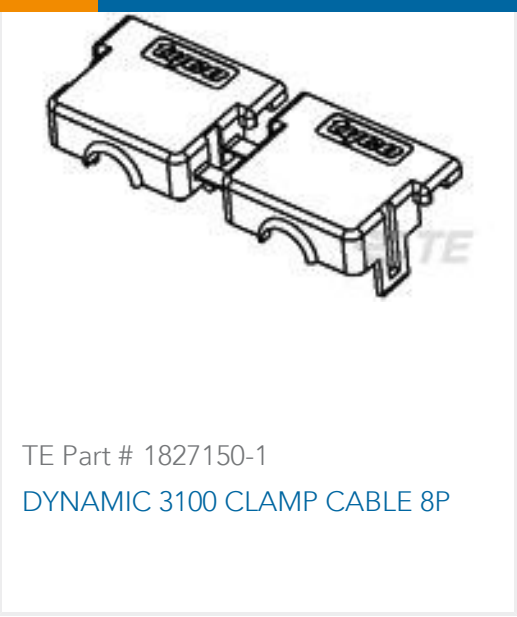
TE Part # CAT-D9934-A75
DYNAMIC 3000 CONTACT




TE Part # CAT-D9934-A75E
Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part # 178964-4
DYNAMIC D-3100D TAB HSG 8P F/H



TE Part # 1827150-1
DYNAMIC 3100 CLAMP CABLE 8P



TE Part # 2348625-2
DYNAMIC SERIES RELAY MODULE - 2 RELAY

Also in the Series | Dynamic 3000 Series



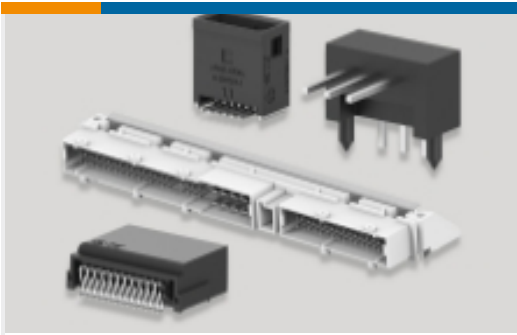
Connector Contacts(94)



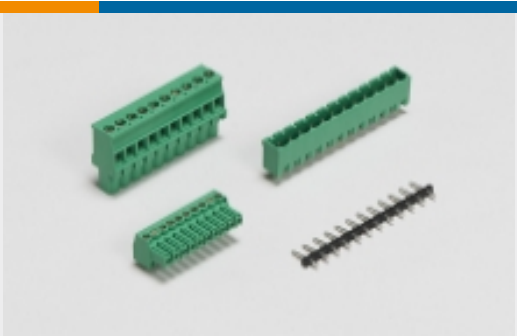
Connector Hardware(8)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(283)



PCB Terminal Blocks(37)



Standard Rectangular Connectors(2)



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

Customers Also Bought



TE Part #1-174921-1
MULTILOCK, CONNECTOR HOUSING



TE Part #175286-2
DYNAMIC D-3 TAB CONT. L AU 0.38



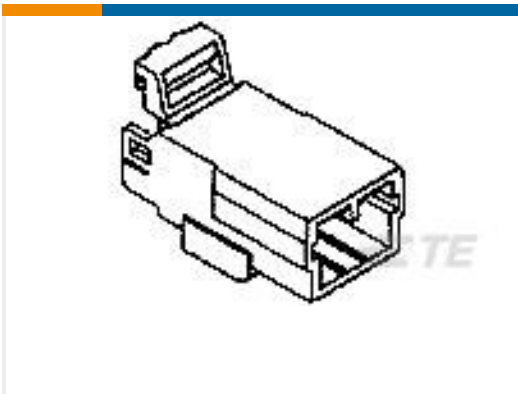
TE Part #91561-1
CCII D-3 3L REC TAB 16-14 ASSY



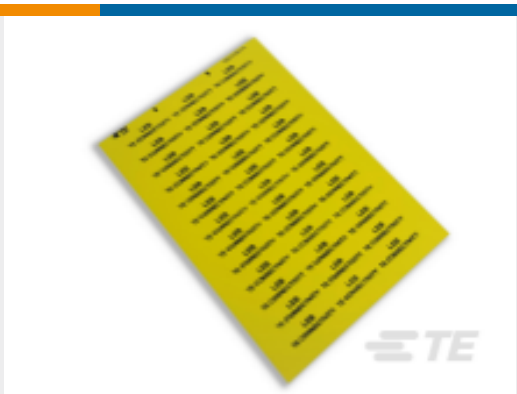
TE Part #172213-4
EIS CAP HSG PANEL MOUNT 4P NATUTURAL



TE Part #1-177648-7
D3100S DYNAMIC W-T-W TAB HSG



TE Part #1-174928-1
070 MLC W-W CAP HSG 3P F/A



TE Part #9-1768033-1
LEB-1743P-8A



TE Part #172044-1
MIC CAP 5P W-W



TE Part #171190-3
FF 250 TAB HSG 6P NYLON WHITE

Document



Product Drawings

DYNAMIC D-3100D REC HSG 8P

Japanese

CAD Files

Customer View Model

ENG_CVM_CVM_178289-4_P.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_178289-4_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_178289-4_P.3d_stp.zip

English

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Product Specifications

Product Specification

English

Agency Approvals

TUV Certificate

English