

1776244-7

✓ ACTIVE

Buchanan

TE Internal #: 1776244-7

PCB Terminal Blocks, Header, Wire-to-Board, 7 Position, .197 in [5

mm] Centerline, 1 Row, 90° Wire Entry Angle, 22 – 14 AWG Wire

Size

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks

Terminal Block Connector Type: **Header**Connector System: **Wire-to-Board**Number of Positions: **7**Centerline (Pitch): **5 mm [.197 in]**Number of Rows: **1**

Features

Product Type Features

Wire Protection	With
Terminal Block Connector Type	Header
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stacked Levels	Without
Wire Entry Location	Side
Stacking Configuration	Side Stackable
Number of Positions	7
Number of Rows	1
Wire Entry Angle	90°

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color

Blue

Product Orientation

Vertical

Contact Features

Contact Mating Area Plating Material

Tin

Contact Base Material

Brass

Contact Current Rating (Max)

10 A

Termination Features

Termination Post & Tail Length

3.5 mm [.138 in]

Termination Method to Printed Circuit Board

Through Hole - Solder

Mechanical Attachment

Screw Plating Material

Zinc Chromate

Screw Material

Steel

Connector Mounting Type

Board Mount

Housing Features

Housing Material

NY - FR15

Centerline (Pitch)

5 mm [.197 in]

Dimensions

Wire Size

.3 – 2 mm²**Usage Conditions**

Operating Temperature Range

-55 – 105 °C [-67 – 221 °F]

Operation/Application

Circuit Application

Power & Signal

Packaging Features

Packaging Quantity

240

Product ComplianceFor compliance documentation, visit the product page on TE.com >

EU RoHS Directive 2011/65/EU

Compliant with Exemptions

EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2024 (240)

Candidate List Declared Against: JUNE

2022 (224)

SVHC > Threshold:

Pb (2.7% in Component Part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Yet Reviewed for halogen content

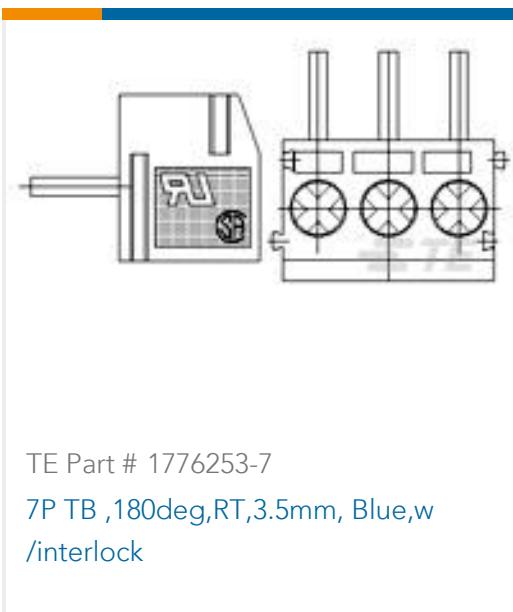
Solder Process Capability

Wave solder capable to 265°C

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 # 1776253-7
7P TB ,180deg,RT,3.5mm, Blue,w /interlock

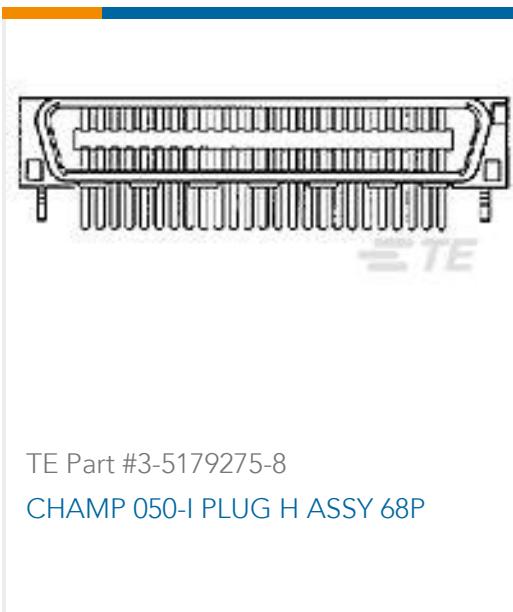


TE Part # 1776263-7
7P TB Plug,w/interlock,90deg,5mm, Blue



TE Part # 1776266-7
7P TB ,90deg, VT, 5mm,Green,w /interlock

Customers Also Bought



TE Part #3-5179275-8
CHAMP 050-I PLUG H ASSY 68P



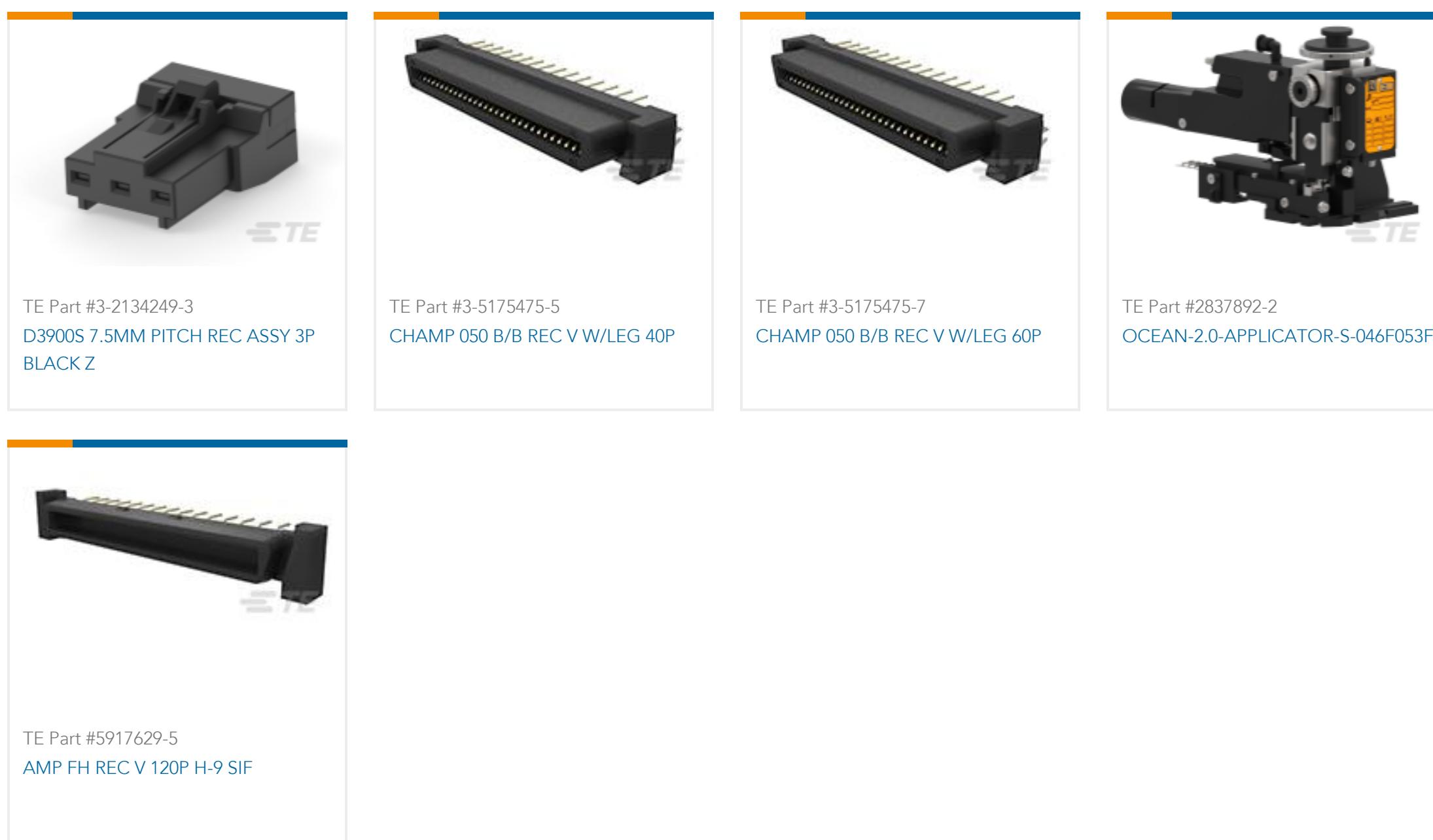
TE Part #2-178216-2
Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #2-2013519-0
DYNAMIC D3900 H-HDR ASSY 10P Y TYPE-A



TE Part #1-2229803-2
D3950 HDR 7/11POS 1ROW Y KEY



Documents

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_1776244-7_A.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1776244-7_A.3d_jgs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1776244-7_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS](#)

English

[1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG](#)

English