

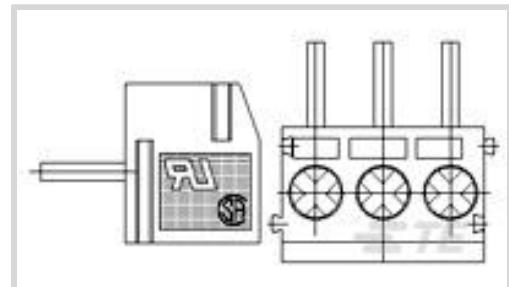
**1776253-2**

✓ ACTIVE

**Buchanan**

TE Internal #: 1776253-2

2 Position PCB Terminal Block, Header, Wire-to-Board, 3.5 mm [.138 in] Centerline, 1 Row, 180° Wire Entry Angle, 26 – 18 AWG, .12 – .9 mm<sup>2</sup> Wire

[View on TE.com >](#)[Connectors > Terminal Blocks & Strips > PCB Terminal Blocks](#)Number of Positions: **2**Terminal Block Connector Type: **Header**Connector System: **Wire-to-Board**Centerline (Pitch): **3.5 mm [.138 in]**Number of Rows: **1**

## Features

### Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	4.4 mm [.173 in]

### Body Features

Primary Product Color	Blue
Product Orientation	Vertical

### Mechanical Attachment

Screw Material	Steel
Connector Mounting Type	Board Mount

### Contact Features

Contact Mating Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	7 A

### Housing Features

Housing Material	NY - FR15
Centerline (Pitch)	3.5 mm [.138 in]

### Product Type Features

Wire Protection	With
Terminal Block Connector Type	Header

Connector System

Wire-to-Board

Connector &amp; Contact Terminates To

Printed Circuit Board

**Configuration Features**

Wire Entry Location

Top

Stacked Levels

Without

Number of Positions

2

Number of Rows

1

Wire Entry Angle

180°

**Electrical Characteristics**

Operating Voltage

250 VAC

**Dimensions**

Wire Size

26 – 18 AWG

**Usage Conditions**

Operating Temperature Range

-55 – 105 °C [-67 – 221 °F]

**Operation/Application**

Circuit Application

Signal

**Other**

EU RoHS Compliance

Compliant with Exemptions

EU ELV Compliance

Compliant with Exemptions

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://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: JUNE 2024 (241)

Candidate List Declared Against: JUNE 2024 (241)

SVHC &gt; Threshold:

Pb (2.73% 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

Low Halogen - Br, Cl, F, I &lt; 900 ppm per homogenous material. Also BFR/CFR/PVC

Free

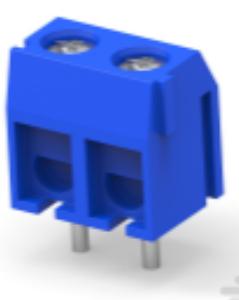
Solder Process Capability

Wave solder capable to 265°C

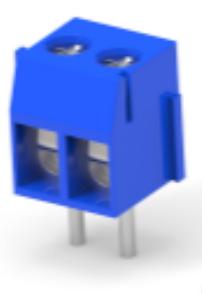
## Product Compliance Disclaimer

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

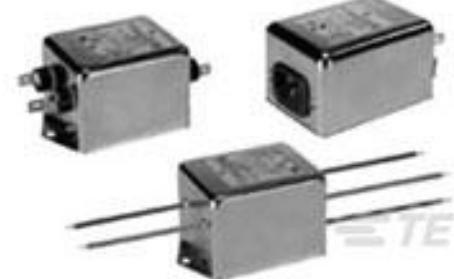


TE Part # 1776244-2  
2P TB ,90deg, VT, 5mm, Blue,w/  
/interlock



TE Part # 1776275-2  
2P TB ,90deg,VT,3.5mm,Blue,w/  
/interlock

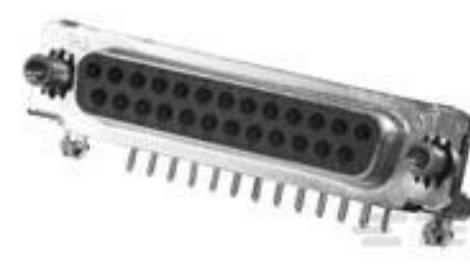
## Customers Also Bought



TE Part #1-6609037-0  
20EP6=F7810 S0



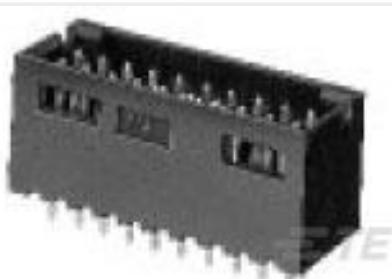
TE Part #66683-4  
SOCKET CONTACT, 20 DF



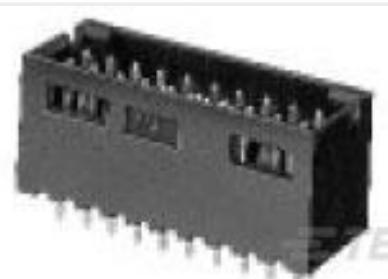
TE Part #747846-4  
25 MSFL RCPT RA 318 (IN,FM,BL)



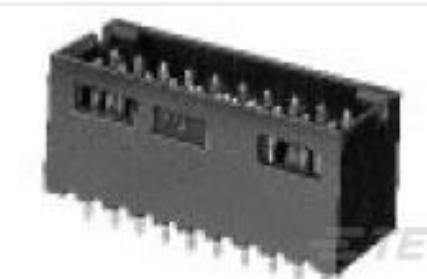
TE Part #GA10K3CG3  
CHPG-NTC CHIP THERMISTORS



TE Part #5-102618-2  
08 MODII HDR DRST SHRD .100CL



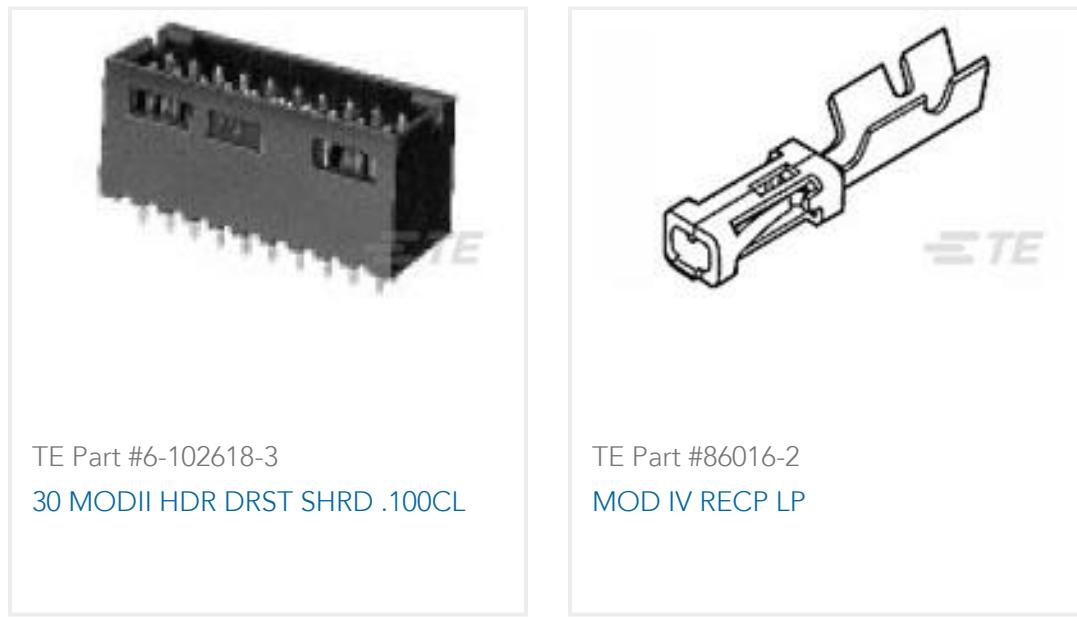
TE Part #102618-5  
14 MODII HDR DRST SHRD .100CL



TE Part #102618-8  
20 MODII HDR DRST SHRD .100CL



TE Part #5748271-1  
FEMALE SCREWLOCK KIT



## Documents

### Product Drawings

[2P TB ,180deg,RT,3.5mm, Blue,w/interlock](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1776253-2\\_O.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1776253-2\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1776253-2\\_O.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[1-1773458-1\\_EURO\\_STYLE\\_TERMINAL\\_BLOCKS\\_QRG](#)

English