

2178410-1 Datasheet



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DiGi Electronics Part Number	2178410-1-DG
Manufacturer	TE Connectivity AMP Connectors
Manufacturer Product Number	2178410-1
Description	CONN TERM BUSBAR CLIP SOLDER
Detailed Description	Terminal Busbar Clip Connector Solder

This model 2178410-1 is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

2178410-1

Series:

Crown Clip Junior

Terminal Type:

Busbar Clip

Wire Gauge:

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Base Product Number:

2178410

Manufacturer:

TE Connectivity AMP Connectors

Product Status:

Active

Termination:

Solder

Color:

Black

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8536.90.4000

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

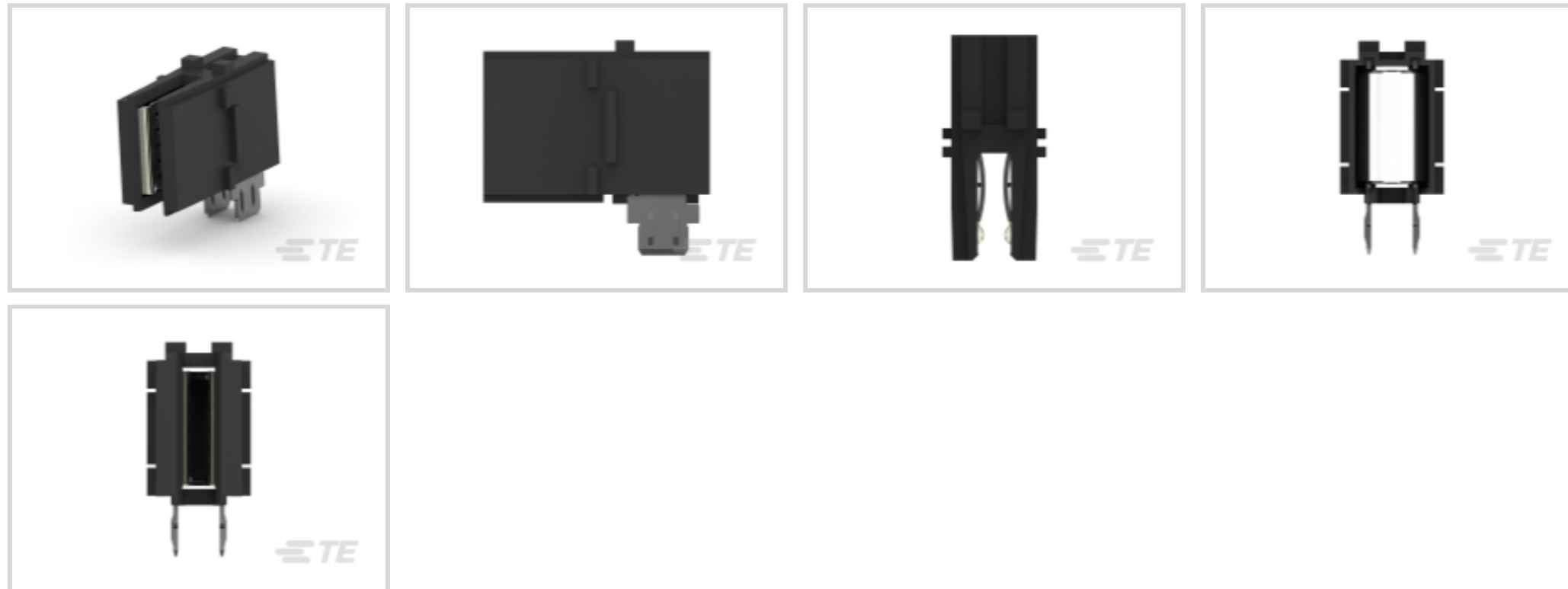
2178410-1 ✓ ACTIVE**CROWN CLIP**

TE Internal #: 2178410-1

Board-to-Bus Bar, 2 Position, Printed Circuit Board, Black, Tray,
Right Angle, Copper Alloy, Hot Pluggable, Power, Board Mount,
Busbar Connectors

[View on TE.com >](#)

Connectors > Power Connectors > Busbar Connectors

Connector System: **Board-to-Bus Bar**Number of Positions: **2**Connector & Contact Terminates To: **Printed Circuit Board**Mating Conductor Thickness: **3 mm [.118 in]**Housing Color: **Black****Features****Product Type Features**

Connector & Housing Type	Receptacle
Connector System	Board-to-Bus Bar
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	2
PCB Mount Orientation	Right Angle
Mating & Unmating Configuration	Hot Pluggable

Body Features

Bus Bar Contact Plating Material	Tin
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Contact Features

Mating Tab Thickness	3 mm [.118 in]
Mating Tab Width	14.95 mm [.588 in]
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	170 A



Contact Length	28.1 mm[1.106 in]
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Bus Bar Contact Style	Socket
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Mating Alignment	Without
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Bus Bar Connector Mounting Retention	Without
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Connector Mounting Type	Board Mount
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Housing Features

Housing Color	Black
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Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Tray
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Other

Mating Conductor Thickness	3 mm[.118 in]
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Wave solder capable to 260°C
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Board-to-Bus Bar, 2 Position, Printed Circuit Board, Black, Tray, Right Angle, Copper Alloy, Hot Pluggable, Power, Board Mount, Busbar Connectors

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



Customers Also Bought





Board-to-Bus Bar, 2 Position, Printed Circuit Board, Black, Tray, Right Angle, Copper Alloy, Hot Pluggable, Power, Board Mount, Busbar Connectors



TE Part #2204080-1
200A R/A Pluggable Busbar Connector



TE Part #K1145355
Rotary Switch DS-221-RT1

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2178410-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2178410-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2178410-1_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

Busbar Power Brochure

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

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