

6648236-1 ✓ ACTIVE



RAPID LOCK

TE Internal #: 6648236-1

Busbar Connectors, Wire-to-Bus Bar, Wire & Cable, Thermoplastic, Black, Box, Copper Alloy, 4 AWG Wire Size, Power, Cable Mount (Free-Hanging), Size 4

[View on TE.com >](#)

Connectors > Power Connectors > Power Busbar Connectors > Busbar Connectors



Connector System: **Wire-to-Bus Bar**

Sealable: **No**

Connector & Contact Terminates To: **Wire & Cable**

Housing Material: **Thermoplastic**

Housing Color: **Black**

Features

Product Type Features

Product Type	Socket
Connector System	Wire-to-Bus Bar
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	250 VAC
Voltage Drop	20 mV

Body Features

Cable Connector Orientation	Right Angle
Bus Bar Contact Plating Material	Gold

Contact Features

Contact Plating Thickness	5.07 μm , 5.08 μm [30 μin]
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	115 A



Bus Bar Contact Size	4
----------------------	---

Bus Bar Contact Style	CROWN BAND
-----------------------	------------

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

Bus Bar Connector Mounting Retention	With
--------------------------------------	------

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Housing Features

Housing Material	Thermoplastic
------------------	---------------

Housing Color	Black
---------------	-------

Dimensions

Width	13.08 mm[.515 in]
-------	-------------------

Wire Size	4 AWG
-----------	-------

Operation/Application

Circuit Application	Power
---------------------	-------

Packaging Features

Packaging Method	Box
------------------	-----

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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



Documents

Product Drawings

[CROWN,SKT,#4 W/#4 CRIMP,RAPID](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_6648236-1_A.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_6648236-1_A.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_6648236-1_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED](#)

English

[Busbar Power Brochure](#)

English

[2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1](#)

English



Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[Agency Approval Document](#)

English