



Connectors > PCB Connectors > Card Edge Connectors > Card Edge Power Connectors



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

Number of Positions: **62**

Centerline (Pitch): **2.54 mm [ .1 in ]**

Contact Current Rating (Max): **4.26 A**

Circuit Application: **Power & Signal**

Features

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Body Features

Primary Product Color	Black
-----------------------	-------

Mechanical Attachment

Connector Mounting Type	Board Mount
Mating Retention Type	Latch
PCB Mount Retention	With
Mating Retention	With
PCB Mount Retention Type	Action/Compliant Tail
Mating Alignment Type	Keyed
Mating Alignment	With
PCB Mount Alignment	Without

Packaging Features

Packaging Quantity	5
Packaging Method	Box

Other

Position Locations Omitted	6
EU RoHS Compliance	Compliant



EU ELV Compliance	Compliant
-------------------	-----------

Termination Features

Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to PCB	Through Hole - Solder

Dimensions

Card Slot Depth	7.64 mm[.31 in]
Row-to-Row Spacing	4.85 mm[.191 in]
Connector Height	15.64 mm[.76 in]
Power Contact Centerline	2.54 mm[.1 in]

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Current Rating (Max)	4.26 A
Contact Mating Area Plating Material	Gold

Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	2.54 mm[.1 in]

Configuration Features

Keying & Polarized Position Locations	1213
PCB Mount Orientation	Vertical
Number of Positions	62
Number of Power Positions	62
Number of Signal Positions	0
Number of Dual Positions	31

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector Mates With	Printed Circuit Board



Connector & Housing Type	Receptacle
Connector System	Board-to-Board

Electrical Characteristics

Operating Voltage	400 V
-------------------	-------

Usage Conditions

Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
-----------------------------	---------------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

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	Wave solder capable to 265°C

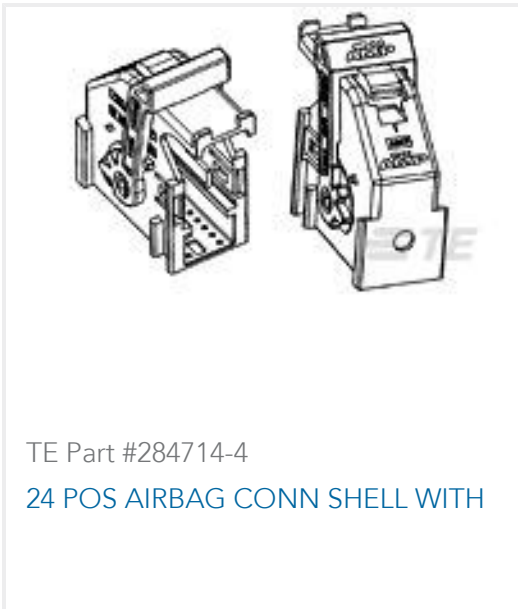
Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Customers Also Bought



Documents

Product Drawings

CONN SEC II 31 POS W/ LATCH

English

CAD Files

Customer View Model

ENG\_CVM\_6364666-5\_D.3d\_igs.zip

English

Customer View Model



[ENG\\_CVM\\_6364666-5\\_D.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_6364666-5\\_D.2d\\_dxf.zip](#)

English

3D PDF

English

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

Product Specifications

Application Specification

English