



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



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

Number of Positions: **74**

Centerline (Pitch): **7.26 mm [.286 in]**

Contact Current Rating (Max): **21 A**

Circuit Application: **Power & Signal**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board

Configuration Features

Number of Positions	74
Number of Power Positions	26
Number of Signal Positions	48
Number of Dual Positions	13

Electrical Characteristics

Operating Voltage	100 V
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Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Current Rating (Max)	21 A
Contact Mating Area Plating Material	Gold (Au)

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	7.26 mm[.286 in]
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Dimensions

Power Contact Centerline	7.3 mm[.286 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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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: JAN 2025 (247) 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	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 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.



Also in the Series

MULTI-BEAM CE

Card Edge Power Connectors(9)

Customers Also Bought

TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

TE Part #281934-2
SINGLE WIRE SEAL

TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts

TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT

TE Part #DT06-2S
PLG, 2P, GRY, N

TE Part #DT04-2P
REC, 2P, GRY, N

Documents

- CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2212115-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2212115-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2212115-1_A.3d_stp.zip

English

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



Datasheets & Catalog Pages
1-1773923-8_MULTI-BEAM_CE_CN
1-1773923-7_MULTI-BEAM_CE
English

Product Specifications
Application Specification
English