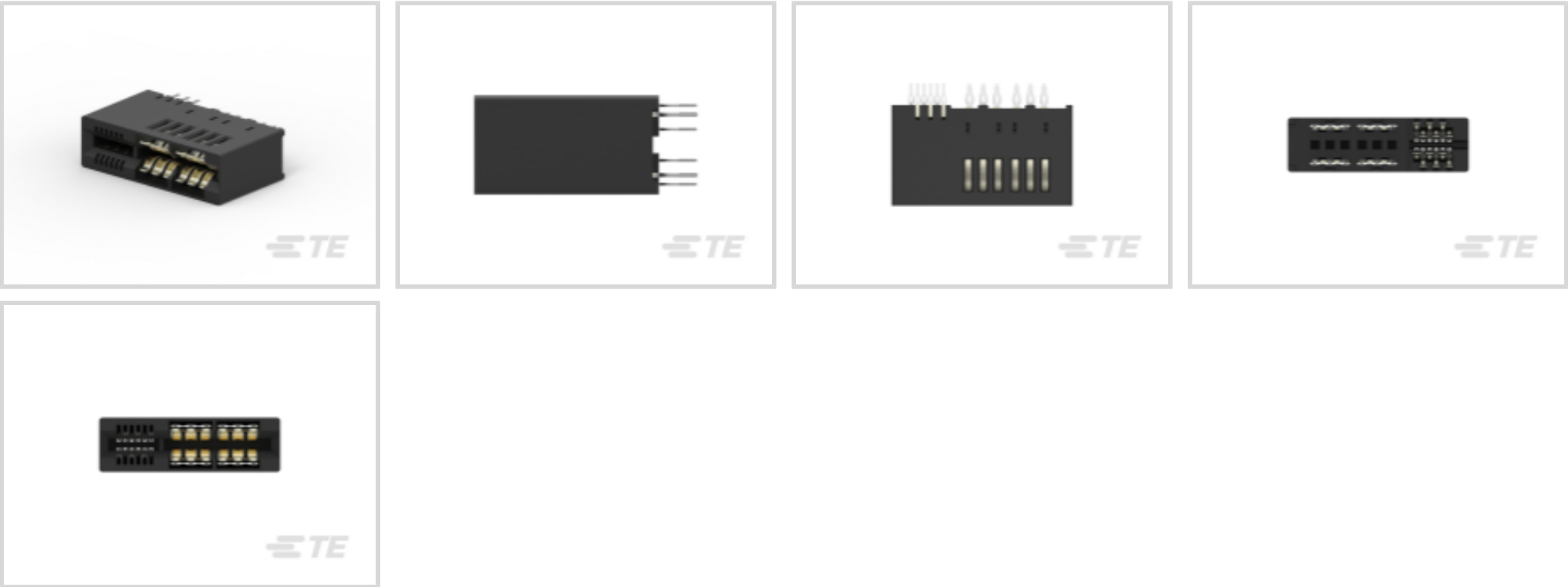




Connectors > PCB Connectors > Card Edge Connectors > Card Edge Power Connectors



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

Number of Positions: **16**

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

Contact Current Rating (Max): **28.5 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	16
Number of Power Positions	4
Number of Signal Positions	12
Number of Dual Positions	2

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)	28.5 A
Contact Mating Area Plating Material	Gold



Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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



TE Part # 2185243-1  
ASSY, SEATING TOOL



TE Part # 2343428-1  
HD+ CE, RA, CRPS


Also in the Series

MULTI-BEAM CE




Card Edge Power Connectors(11)


### Customers Also Bought




TE Part #1-2212115-4  
MBCE RA 2X1P-2X4S




TE Part #1-2176382-9  
RQ 0805 205K 0.1% 10PPM 5K RL




TE Part #1-2176389-5  
RQ 1206 150R 0.1% 10PPM 5K RL




TE Part #1-2289061-3  
AMP MCP2.8,CONTACT



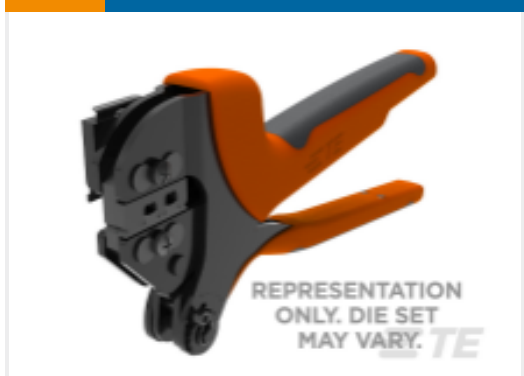
TE Part #2204072-1  
MULTI-BEAM CE 2X3 P + 2X5 S  
VERTICAL



TE Part #2214913-5  
MULTI-BEAM CE 2X4 P + 2X4 S  
VERTICAL



TE Part #2212112-1  
MULTI-BEAM CE 2X4 PWR X 2X4  
SIGNAL



TE Part #2372541-1  
SDE F 1.2 MM SWS 15-18 ASSY

### Documents

Product Drawings

MBCE 2X2 P + 2X6 S VERTICAL EON

English



CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2214913-7\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2214913-7\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2214913-7\_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