

6651170-1

✓ ACTIVE

CROWN EDGE

TE Internal #: 6651170-1

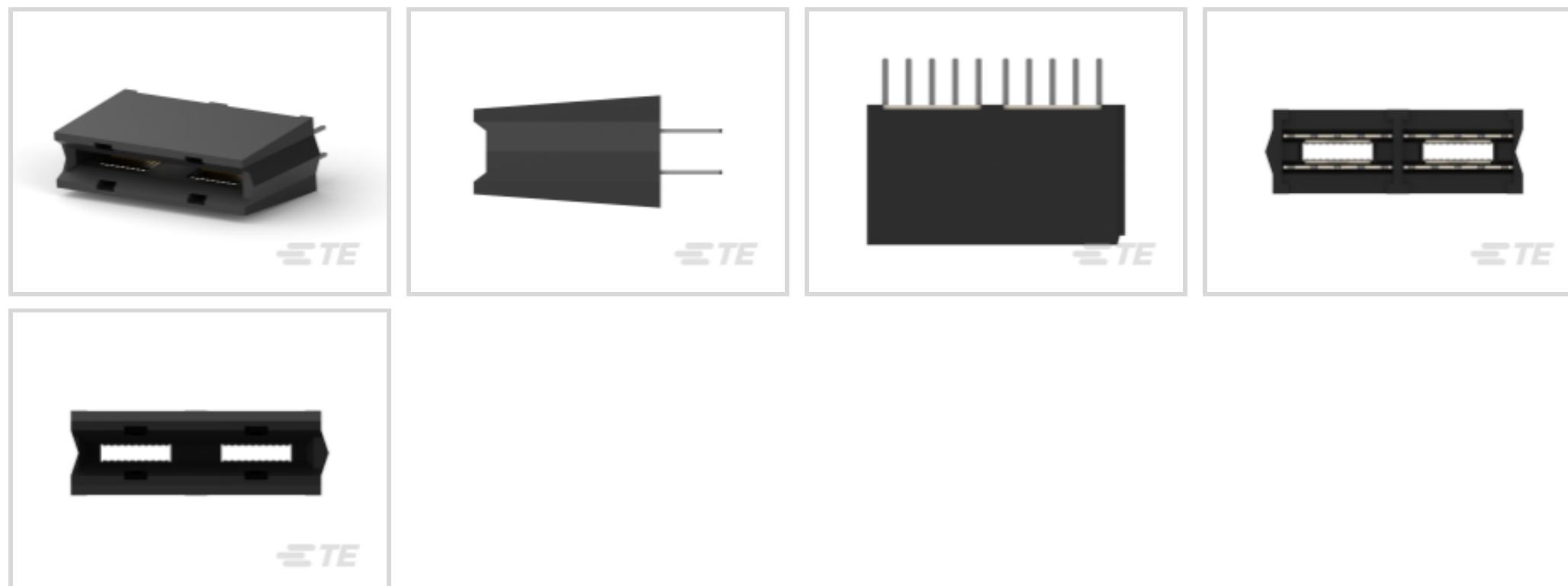
Board-to-Board Card Edge Power Connector, 4 Position, 2.5 mm [.

098 in] Centerline, Power, 4 Power Positions, 0 Signal Positions,

CROWN EDGE

[View on TE.com >](#)

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

Connector System: **Board-to-Board**Number of Positions: **4**Centerline (Pitch): **2.5 mm [.098 in]**Contact Current Rating (Max): **3 A, 35 A**Circuit Application: **Power****Features****Mechanical Attachment**

Connector Mounting Type	Board Mount
-------------------------	-------------

Industry Standards

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

Body Features

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

Packaging Features

Packaging Quantity	192
--------------------	-----

Termination Features

Termination Post & Tail Length	5.08 mm[.2 in]
--------------------------------	----------------

Termination Method to PCB	Through Hole - Press-Fit
---------------------------	--------------------------

Dimensions

PCB Thickness (Recommended)	3.18 mm[.125 in]
-----------------------------	------------------

Connector Height	15 mm
------------------	-------

.508 in

Contact Features

	100 μ in
Contact Base Material	Phosphor Bronze
Power Contact Base Material	Phosphor Bronze Alloy
Power Contact Plating Material	Select Gold
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 μ m[30 μ in]
Contact Current Rating (Max)	3 A, 35 A
Contact Mating Area Plating Material	Gold

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.5 mm[.098 in]

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	4
Number of Power Positions	4
Number of Signal Positions	0
Number of Dual Positions	2

Product Type Features

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

Electrical Characteristics

Operating Voltage	250 V
-------------------	-------

Usage Conditions

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

Operation/Application

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

Other

EU RoHS Compliance	Compliant
--------------------	-----------

EU ELV Compliance Compliant

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

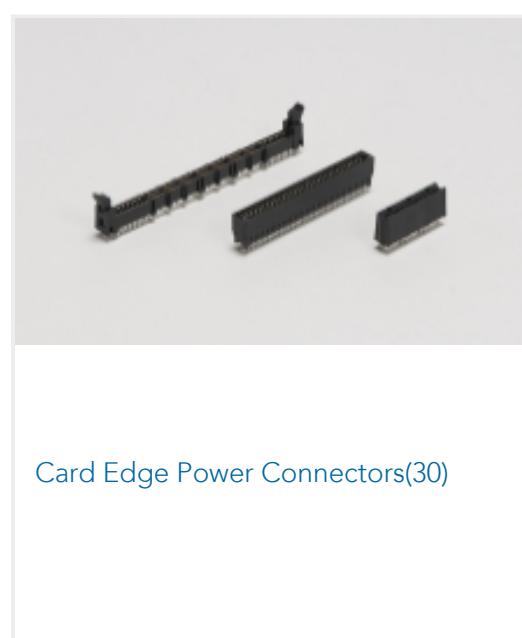
Product Compliance Disclaimer

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 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>

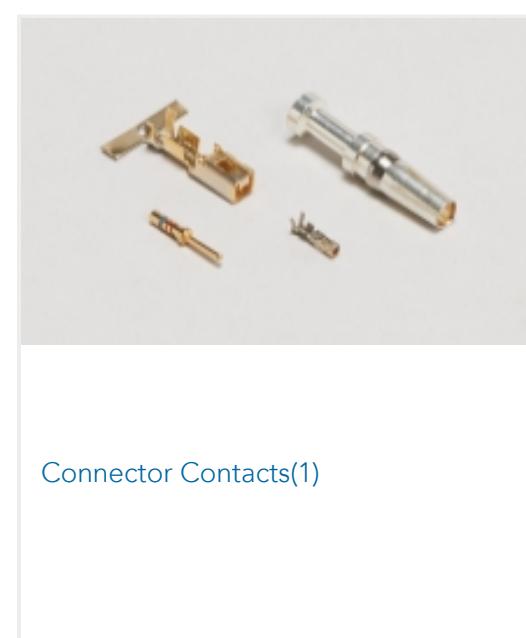
Compatible Parts



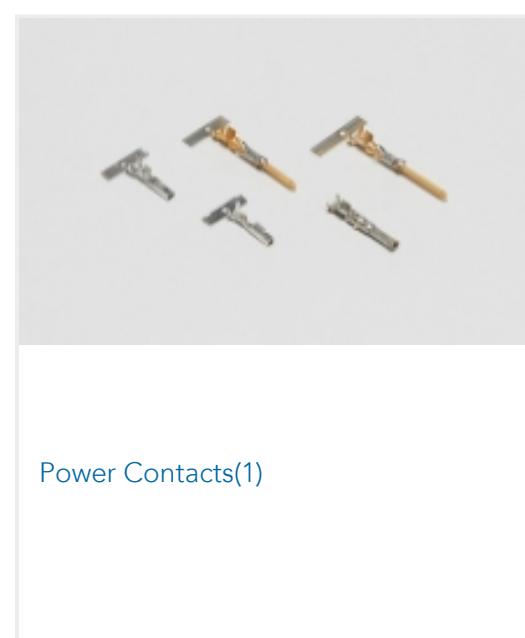
Also in the Series | **CROWN EDGE**



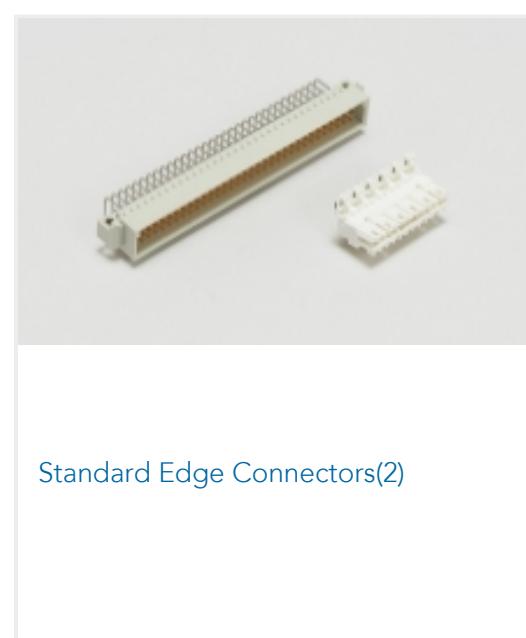
Card Edge Power Connectors(30)



Connector Contacts(1)



Power Contacts(1)



Standard Edge Connectors(2)

Customers Also Bought

TE Part #2-1419104-1
T9AS1D22-24TE Part #643230-1
04P UMNL HDR ASSY R/A 94VOTE Part #5406526-1
INV MJ ASSY,1X2TE Part #640445-7
07P MTA156 HDR ASSY FL/STR SNTE Part #640445-5
05P MTA156 HDR ASSY FL/STR SNTE Part #531230-4
SHUNT,.200 C/L, 2 POS, SNTE Part #BAT-HLD-001-TR
Battery Holder 2032 2025 SMT T&R
PackTE Part #1623719-8
CCR1 10R 10%TE Part #133184-E
MJ HS V5 * 8 8 * * * * 30 * J 3 133819TE Part #1-1393789-4
V23079F1111B301

Documents

Product Drawings

285-0102-12300=CONN,SKT,SLDR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6651170-1_B.2d_dxf.zip

English

Customer View Model

[ENG_CVM_CVM_6651170-1_B.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6651170-1_B.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_SEC03_CARD_EDGE](#)

English

Product Specifications

[Application Specification](#)

English