2085196-1 ✔ ACTIVE

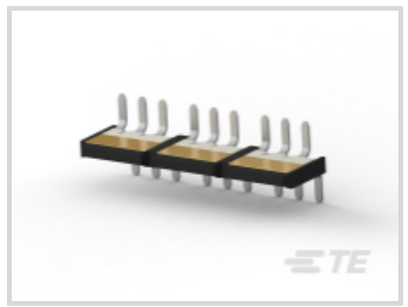
MINI CROWN EDGE | CROWN EDGE

TE Internal #: 2085196-1

Board-to-Board, 8.85 mm [.348 in] Centerline, Black, High Temperature Thermoplastic Glass-Filled, Vertical, CROWN EDGE, Standard Edge Connectors

View on TE.com >

Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors







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

Centerline (Pitch): **8.85 mm [.348 in]**

Primary Product Color: **Black**

Housing Material: **High Temperature Thermoplastic Glass-Filled**

PCB Mount Orientation: **Vertical**

Features

Electrical Characteristics

Operating Voltage	250 VDC

Termination Features

Termination Method to PCB	Surface Mount

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Type	Blade
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Contact Current Rating (Max)	25 A

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	8.85 mm[.348 in]
Housing Material	High Temperature Thermoplastic Glass-Filled

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>

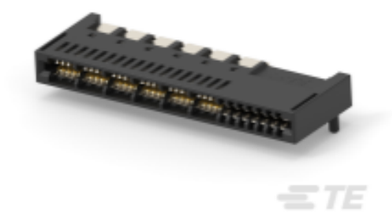
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per

	homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

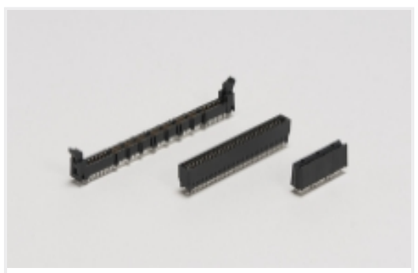
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



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

Also in the Series | CROWN EDGE



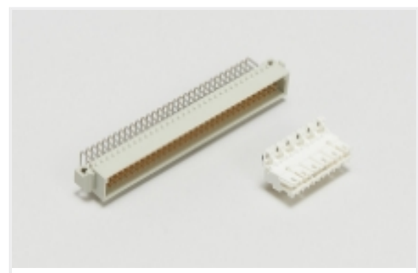
Card Edge Power Connectors(30)



Connector Contacts(1)



Power Contacts(1)



Standard Edge Connectors(2)

Customers Also Bought



TE Part #YDIV46E11-05PNC009
PLUG ASSY



TE Part #YDIV40E11-05SNC009
RECP ASSY



TE Part #YDIV46E19-35PNC009
PLUG ASSY



TE Part #YDIV40E13-35PNC009
RECP ASSY



TE Part #YDIV40E21-41SNC003
RECP ASSY



TE Part #CAT-D38999-DIV1A
D38999: Circular Connector Caps and Covers



TE Part #YDIV40E15-18SNC009
RECP ASSY

Documents

Product Drawings

Connector Blade MC-P3S0 Mini Crown Edge

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2085196-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2085196-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2085196-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English