

CROWN EDGE

TE Internal #: 1766200-1
Board-to-Board, 12 Position, 2.54 mm [.1 in] Centerline, Black, Fully Loaded, Receptacle, Straddle Mount, CROWN EDGE, Standard Edge Connectors

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



Connector System: **Board-to-Board**
Number of Positions: **12**
Centerline (Pitch): **2.54 mm [.1 in]**
Primary Product Color: **Black**
Connector Contact Load Condition: **Fully Loaded**

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Straddle Mount

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
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Contact Mating Area Plating Material	Gold (Au)
Contact Retention Within Housing	Without
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Current Rating (Max)	29 A

Mechanical Attachment

Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention Type	Mounting Ears
Mating Retention Type	Polarized Lock
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Dimensions

Connector Width	8.9 mm[.35 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	22.62 mm[.315 in]
Connector Length	88 mm[3.46 in]

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold

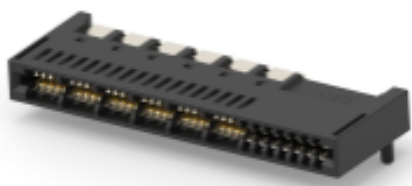


EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

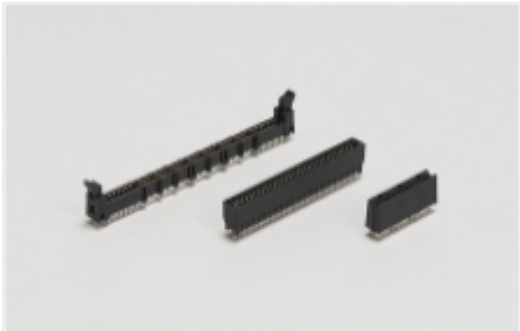
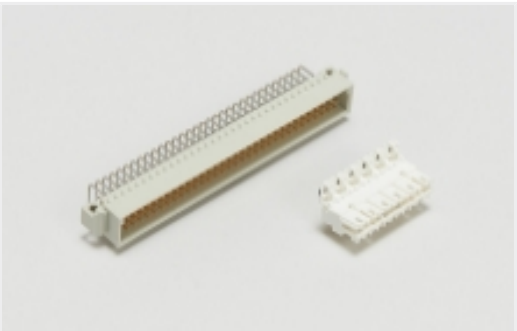
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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(26)	 Connector Contacts(1)	 Power Contacts(1)	 Standard Edge Connectors(2)
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Customers Also Bought

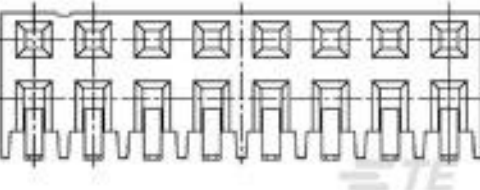




TE Part #87224-6
[06 MODII HDR SRST UNSHRD .100](#)



TE Part #87224-8
[08 MODII HDR SRST UNSHRD .100](#)



TE Part #1734606-6
[AMPMODU, 2mm Pitch, 6P, R/A SMT, 8Au"](#)



TE Part #9-1879501-5
[CRGH2512 5% 8K2 2W](#)



TE Part #2176439-3
[CRGH 0805 1% 10R-1M0 LAB-KIT](#)



TE Part #5208010-2
[HD-20 PLUG 50P VERT](#)



TE Part #5569260-1
[STK MJ ASSY,8POS,2X2,SHLD,CAT5](#)



TE Part #5569262-1
[STK MJ ASSY,8POS,2X4,SHLD,CAT5](#)



TE Part #3-6450830-2
[MBXL R/A HDR 4ACP + 12S + 3P](#)

TE Part #2041376-3
[RJ45 W LED 2X2 ,B/A,30u",DIP,H=25.4mm](#)

Documents

- CAD Files

Customer View Model

[ENG_CVM_CVM_1766200-1_D.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1766200-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1766200-1_D.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

Agency Approvals

1766200-1

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UL

English