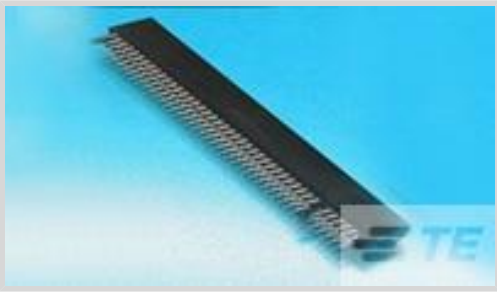




TE Internal #: 8-5530843-8
Card Edge Power Connectors, Board-to-Board, 40 Position, 2.54 mm [.1in] Centerline, Printed Circuit Board, 3A Contact Current Rating (Max)
[View on TE.com >](#)

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



Connector System: **Board-to-Board**
Number of Positions: **40**
Centerline (Pitch): **2.54 mm [.1 in]**
Connector & Contact Terminates To: **Printed Circuit Board**
Contact Current Rating (Max): **3 A**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	40
Number of Power Positions	40
Number of Signal Positions	0
Number of Dual Positions	20

Electrical Characteristics

Operating Voltage	400 V
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Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A
Contact Mating Area Plating Material	Gold
Contact Termination Area Plating Material	Tin

Termination Features

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Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black
Housing Material	Polyester GF

Dimensions

Card Slot Depth	7.75 mm[.321 in]
Power Contact Centerline	2.54 mm[.1 in]
Height	15.75 mm[.87 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Other

Position Locations Omitted	0
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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



TE Part # 2343428-1

HD+ CE, RA, CRPS

Customers Also Bought




TE Part #144095-1

HOUSING MODU IV 2X3 P



TE Part #2-316132-2

DYNAMIC 3200 HDR ASSY



TE Part #1989917-2

RING TONGUE TERMINAL



TE Part #1376039-4

MULTILOCK, RECEPTACLE AND TAB



TE Part #1379816-3

SIGNAL HEADER



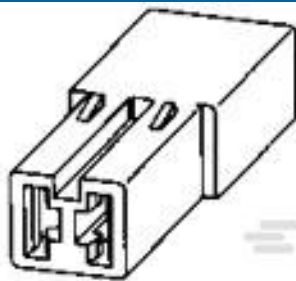
TE Part #1-641970-1

06P UMNL PIN HDR ASSY 94VO BLK



TE Part #2312212-1

12POS,NANOMQS,REC HSG,COD A



TE Part #280543-5

FF 250 REC HSG 2P NYLON BLACK



TE Part #EF74056001
RBK-ILS-125-3A-0-45MM



TE Part #2141502-2
2POS,1.5MM SFC,REC HSG,ASSY, SEALED,BU

Documents

Product Drawings

CONN SEC II 15 POS 100C/L

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-5530843-8_F7.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-5530843-8_F7.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-5530843-8_F7.3d_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

Agency Approval Document

English