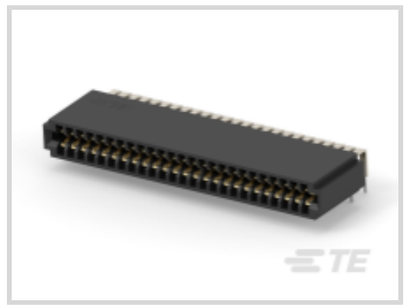
2358256-5 ✔ ACTIVE

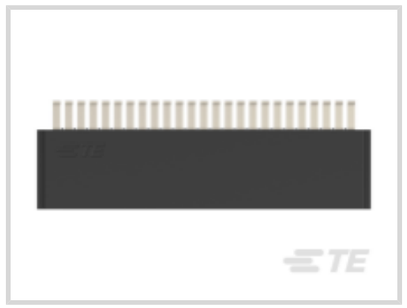
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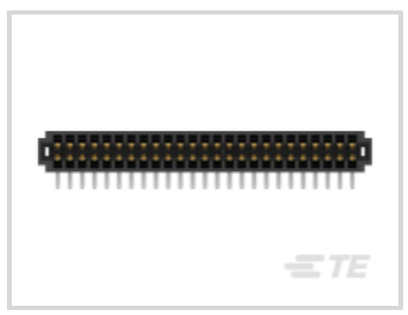
Board-to-Board Card Edge Power Connector, 50 Position, 2.54 mm [.1 in] Centerline, Power & Signal, 50 Power Positions, 0 Signal Positions

View on TE.com >

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







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

Number of Positions: **50**

Centerline (Pitch): **2.54 mm [.1 in]**

Contact Current Rating (Max): **9.3 A**

Circuit Application: **Power & Signal**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
Card Edge Type	Single-Beam

Configuration Features

Number of Positions	50
Number of Power Positions	50
Number of Signal Positions	0
Number of Dual Positions	25

Electrical Characteristics

Operating Voltage	100 V

Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Current Rating (Max)	9.3 A
Contact Mating Area Plating Material	Gold (Au)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Power Contact Centerline	2.54 mm[.1 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Product Compliance

For compliance documentation, visit the product page on TE.com>

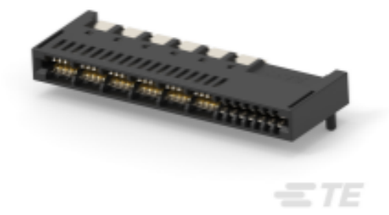
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 # 2343428-1
HD+ CE, RA, CRPS

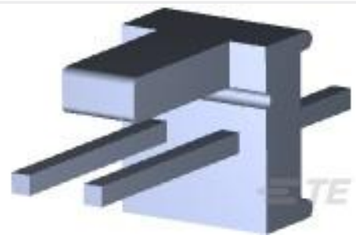
Customers Also Bought



TE Part #ADP-SMAM-SMAF-T-G
SMA Plug to SMA Jack (2) Tee



TE Part #CONSMA002
SMA RA Jack 50 Ohm PCB Through Hole



TE Part #640454-2
02P MTA100 HDR ASSY SQ STR POL



TE Part #2-1618241-9
K81B245=RELAY, VACUUM, SPST-NC



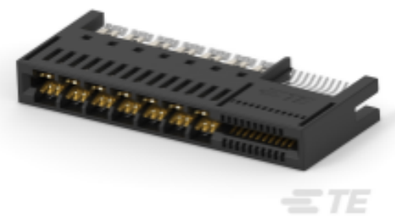
TE Part #2-1618396-7
EV200GAANA=RELAY, EV200 SPST-NO



TE Part #1623243-1
CRG0805 1% 510R



TE Part #2176349-1
CRGCQ 2512 10R 1%



TE Part #2360558-1
HD+ CE, 2X7P-2X10S, STRA, NO-EAR



TE Part #CAT-076-BNCRABAY
BNC RF Connector: Male (Jack), Right Angle

Documents

Product Drawings

SBCE, 2X25P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2358256-5_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2358256-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2358256-5_A.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

UL Report

English