531353-9 ✔ ACTIVE

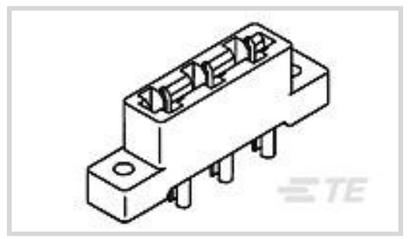
AMP

TE Internal #: 531353-9

Card Edge Power Connectors, Board-to-Board, 12 Position, .312 in [7.92 mm] Centerline, Printed Circuit Board, Power, 12 Power Positions

View on TE.com >

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



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

Number of Positions: **12**

Centerline (Pitch): **7.92 mm [.312 in]**

Sealable: **No**

Connector & Contact Terminates To: **Printed Circuit Board**

Features

Product Type Features

Product Type	Connector Assembly
Connector System	Board-to-Board
Contact Type	Socket
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Card Entry Style	Top
PCB Mount Orientation	Vertical
Number of Positions	12
Number of Power Positions	12

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Layout	Inline
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	30 A
Contact Mating Area Plating Material	Tin

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	7.92 mm[.312 in]
Housing Material	Glass Filled Polyester

Dimensions

Power Contact Centerline	7.92 mm[.312 in]

Usage Conditions

Operating Temperature Range	-40 – 95 °C[-40 – 203 °F]

Operation/Application

Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Carton
Packaging Quantity	120

Product Compliance

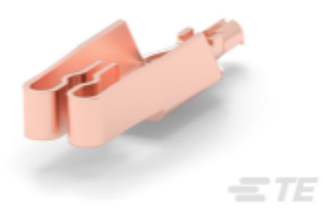
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Pb (13% in COMPONENT PART) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 240°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 # 5-531355-4
HIGH CURRENT CONT STRIP

TE Part # 91116-1
EXTRACTION TOOL

Documents

Product Drawings

HI CURRENT ASSY 12 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_531353-9_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_531353-9_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_531353-9_K.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

Agency Approval Document

English