

TE Internal #: 5146321-1

PCMCIA Connectors, Fully Shrouded, Cable-to-Board, 68 Position, .

05 in [1.27 mm] Centerline, 5 Row, 1 Card Slots, Through Hole -

Solder Mount

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Connectors > PCB Connectors > Memory Card Connectors > PCMCIA Connectors

Header Type: **Fully Shrouded**Connector System: **Cable-to-Board**Number of Positions: **68**Centerline (Pitch): **1.27 mm [.05 in]**Number of Rows: **5**

Features

Product Type Features

Header Type	Fully Shrouded
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Connector
Profile	Standard
Shielded	Yes

Configuration Features

Lead Configuration	Staggered
Number of Positions	68
Number of Rows	5
Number of Card Slots	1
PCB Mount Orientation	Right Angle
Preloaded	Yes

Electrical Characteristics



Voltage	3.3 VAC
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Body Features

Shield Mating Area Plating Thickness	.00076 mm[.00005 in]
Shield Mating Area Plating Material	Gold
Hold-Down	Without
Shield Material	Phosphor Bronze
Color	Black
Shield Plating Material	Tin

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	.1 A
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Thickness	30 µin
Contact Type	Pin

Mechanical Attachment

Board Mount	Top Side
PCB Mounting Style	Through Hole - Solder
Connector Mounting Type	Board Mount
Mating Alignment	Without

Housing Features

Centerline (Pitch)	1.27 mm[.05 in]
Housing Material	LCP (Liquid Crystal Polymer)

Dimensions

Profile Height from PCB	3.25 mm[.128 in]
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Usage Conditions

Operating Temperature Range	-20 – 70 °C[-4 – 158 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

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UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Tray, Tray
Packaging Quantity	20

Other

Comment	Two size M2 screws (customer supplied) are required for strain relief.
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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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 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



Documents

Product Drawings

[68 MEMCD HDR STD T/H ENHNCD](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5146321-1_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5146321-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5146321-1_O.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English