

TE Internal #: 5146321-1

Fully Shrouded, Cable-to-Board, 68 Position, 1.27 mm [.05 in] Centerline, 5 Row, 1 Card Slots, Through Hole - Solder, Right

Angle, PCMCIA Connectors

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EU RoHS Compliance: Compliant
EU ELV Compliance: Compliant
Header Type: Fully Shrouded

Connector System: Cable-to-Board

Number of Positions: 68

#### **Features**

#### **Contact Features**

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

## Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

## **Product Type Features**

Connector & Contact Terminates To	Printed Circuit Board
Header Type	Fully Shrouded



Connector System	Cable-to-Board
Configuration Features	
Number of Positions	68
Number of Rows	5
Number of Card Slots	1
PCB Mount Orientation	Right Angle
Electrical Characteristics	
Voltage Rating	3.3 VAC
Body Features	
Primary Product Color	Black
Connector Profile	Standard
Termination Features	
Tarmination Mathed to DCD	Through Hole - Solder
Termination Method to PCB	
Mechanical Attachment	
	Board Mount
Mechanical Attachment	Board Mount
Mechanical Attachment  Connector Mounting Type	Board Mount  LCP (Liquid Crystal Polymer)
Mechanical Attachment  Connector Mounting Type  Housing Features	
Mechanical Attachment  Connector Mounting Type  Housing Features  Housing Material	LCP (Liquid Crystal Polymer)
Mechanical Attachment  Connector Mounting Type  Housing Features  Housing Material  Centerline (Pitch)	LCP (Liquid Crystal Polymer)
Mechanical Attachment  Connector Mounting Type  Housing Features  Housing Material  Centerline (Pitch)  Dimensions	LCP (Liquid Crystal Polymer)  1.27 mm[.05 in]
Mechanical Attachment  Connector Mounting Type  Housing Features  Housing Material  Centerline (Pitch)  Dimensions  Profile Height from PCB	LCP (Liquid Crystal Polymer)  1.27 mm[.05 in]
Mechanical Attachment  Connector Mounting Type  Housing Features  Housing Material  Centerline (Pitch)  Dimensions  Profile Height from PCB  Usage Conditions	LCP (Liquid Crystal Polymer)  1.27 mm[.05 in]  3.25 mm[.128 in]
Mechanical Attachment  Connector Mounting Type  Housing Features  Housing Material  Centerline (Pitch)  Dimensions  Profile Height from PCB  Usage Conditions  Operating Temperature Range	LCP (Liquid Crystal Polymer)  1.27 mm[.05 in]  3.25 mm[.128 in]
Mechanical Attachment  Connector Mounting Type  Housing Features  Housing Material  Centerline (Pitch)  Dimensions  Profile Height from PCB  Usage Conditions  Operating Temperature Range  Operation/Application	LCP (Liquid Crystal Polymer)  1.27 mm[.05 in]  3.25 mm[.128 in]  -20 – 70 °C[-4 – 158 °F]
Mechanical Attachment  Connector Mounting Type  Housing Features  Housing Material  Centerline (Pitch)  Dimensions  Profile Height from PCB  Usage Conditions  Operating Temperature Range  Operation/Application  Shielded	LCP (Liquid Crystal Polymer)  1.27 mm[.05 in]  3.25 mm[.128 in]  -20 – 70 °C[-4 – 158 °F]  Yes
Mechanical Attachment  Connector Mounting Type  Housing Features  Housing Material  Centerline (Pitch)  Dimensions  Profile Height from PCB  Usage Conditions  Operating Temperature Range  Operation/Application  Shielded  Circuit Application	LCP (Liquid Crystal Polymer)  1.27 mm[.05 in]  3.25 mm[.128 in]  -20 – 70 °C[-4 – 158 °F]  Yes
Mechanical Attachment  Connector Mounting Type  Housing Features  Housing Material Centerline (Pitch)  Dimensions  Profile Height from PCB  Usage Conditions  Operating Temperature Range  Operation/Application  Shielded  Circuit Application  Industry Standards	LCP (Liquid Crystal Polymer)  1.27 mm[.05 in]  3.25 mm[.128 in]  -20 - 70 °C[-4 - 158 °F]  Yes  Signal
Mechanical Attachment  Connector Mounting Type  Housing Features  Housing Material  Centerline (Pitch)  Dimensions  Profile Height from PCB  Usage Conditions  Operating Temperature Range  Operation/Application  Shielded  Circuit Application  Industry Standards  UL Flammability Rating	LCP (Liquid Crystal Polymer)  1.27 mm[.05 in]  3.25 mm[.128 in]  -20 - 70 °C[-4 - 158 °F]  Yes  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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



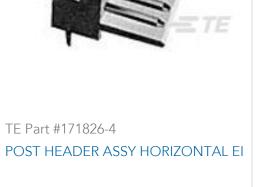
# Customers Also Bought

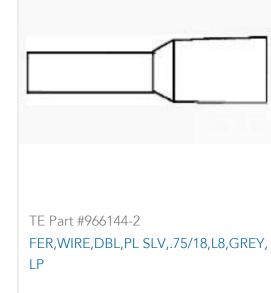




TE Part #440133-2 2.5MM,HSG,2POS



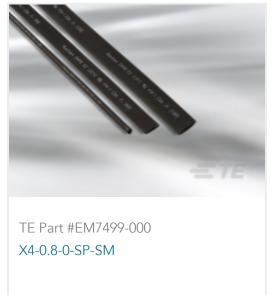


















#### **Documents**

**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

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

**Product Specifications** 

Fully Shrouded, Cable-to-Board, 68 Position, 1.27 mm [.05 in] Centerline, 5 Row, 1 Card Slots, Through Hole - Solder, Right Angle, PCMCIA Connectors



**Application Specification** 

English