



LUMAWISE | Insulation Displacement Connectors Closed End

TE Internal #: 1-2106003-2

Poke-In Connectors, Wire-to-Board, 2 Position, 4 in [.16 mm]

Centerline, Printed Circuit Board, Insulation Displacement Connectors Closed End

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Connectors > Lighting Connectors > Poke-In Connectors



Connector System: **Wire-to-Board**  
Number of Positions: **2**  
Centerline (Pitch): **.16 mm [ 4 in ]**  
Connector & Contact Terminates To: **Printed Circuit Board**  
Connector Height: **.23 mm [ 5.8 in ]**

Features

Product Type Features

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

Configuration Features

Number of Positions	2
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Contact Features

Contact Current Rating (Max)	7.5 A
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Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	.16 mm[4 in]
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Dimensions



Connector Height	.23 mm[5.8 in]
Wire Size	20 - 18 AWG

Usage Conditions

Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
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Operation/Application

Circuit Application	Power
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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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 1-2106431-2  
Connector, SMT-IDC PASS THRU, 2 POS, 20

TE Part # 5-2106003-2  
Connector, SMT-IDC, 2 POS, 20 AWG, BLK

Also in the Series

Insulation Displacement Connectors Closed End

Ballast Connectors(23)

Board-In Connectors(9)

PCB Headers & Receptacles(1)

Poke-In Connectors(66)

Customers Also Bought

TE Part # 640453-8  
08P MTA100 HDR ASSY SQ R/A

TE Part # 350711-4  
06P UMNL PIN HDR ASSY 94VO LF

TE Part # 1571300-2  
TACT,RTANG,SMT,SEALED,GUID PIN

TE Part # 9-1415029-1  
PB114024

TE Part # 8-1879215-0  
CPF 0402 30K9 0.1% 25PPM 1K RL

TE Part # 9-1879208-2  
CPF 0402 62K 0.1% 25PPM 1K RL

TE Part # 1676371-2  
RN 0805 53K6 0.1% 10PPM 1KRL

TE Part # 6609064-1  
1EOP M0=F7687A

TE Part # 7-1879128-8  
RN 0402 1K0 0.1% 10PPM 5K RL

TE Part # 796683-2  
TERMI-BLOK PCB MOUNT 90 2P.



Documents

Product Drawings

Connector, SMT-IDC, 2 POS, 20 AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2106003-2\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2106003-2\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2106003-2\_B.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

IDC\_SSL\_CONNECTOR

English

Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English