LUMAWISE | Insulation Displacement Connectors Closed End

TE Internal #: 1-2106003-1

Wire-to-Board, 1 Position, .16 mm [4 in] Centerline, Printed Circuit Board, Insulation Displacement Connectors Closed End, Poke-In

Connectors

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Connector System: Wire-to-Board

Number of Positions: 1

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

Connector & Contact Terminates To: Printed Circuit Board

Connector Height: .23 mm [5.8 in]

Features

Product Type Features

Product Type Features	
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Positions	1
Contact Features	
Contact Current Rating (Max)	7.5 A
Termination Features	
Termination Method to PCB	Surface Mount
Mechanical Attachment	
Connector Mounting Type	Board Mount
Housing Features	
Centerline (Pitch)	.16 mm[4 in]

Dimensions



Connector Height	.23 mm[5.8 in]
Wire Size	20 – 18 AWG
Usage Conditions	
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Operation/Application	
Circuit Application	Power

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 5-2106003-1 Connector, SMT-IDC,1 pos, 20AWG, TE Part # 2154726-3 Conn, SMT-IDC,1 POS,20 AWG, Brown stripe



TE Part # 1-2106431-1 Connector, SMT-IDC PASS THRU, 1 POS, 20 TE Part # 2154726-2 Conn,SMT-IDC,1 POS,20 AWG, yel stripe

TE Part # 2154726-1 CONN, SMT-IDC, 1 POS, 20AWG, WHITE STRIPE

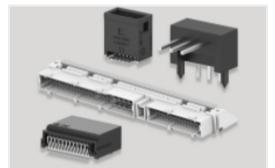
Also in the Series | Insulation Displacement Connectors Closed End



Ballast Connectors(16)



Board-In Connectors(9)



PCB Headers & Receptacles(1)



Poke-In Connectors(66)



Rectangular Power Connectors(1)



Wire-to-Board Headers & Receptacles
(1)

Customers Also Bought























Documents

Product Drawings

Connector, SMT-IDC, 1 POS, 20 AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2106003-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2106003-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2106003-1_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

Wire-to-Board, 1 Position, .16 mm [4 in] Centerline, Printed Circuit Board, Insulation Displacement Connectors Closed End, Poke-In Connectors



English