



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

[View on TE.com >](#)

Connectors > Lighting Connectors > Poke-In Connectors



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

Mechanical Attachment

Connector Mounting Type	Board Mount
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Product Type Features

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

Configuration Features

Number of Positions	1
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Contact Features

Contact Current Rating (Max)	7.5 A
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Termination Features

Termination Method to PCB	Surface 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]
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Wire Size	20 – 18 AWG
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Usage Conditions

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

Circuit Application	Power
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 265°C
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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 # 2154726-2
Conn,SMT-IDC,1 POS,20 AWG, yel stripe

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

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 # 5-2106003-1
Connector, SMT-IDC,1 pos, 20AWG, black

Also in the Series | Insulation Displacement Connectors Closed End

Ballast Connectors(16)

Board-In Connectors(9)

PCB Headers & Receptacles(1)

Poke-In Connectors(66)

Wire-to-Board Headers & Receptacles (1)

Customers Also Bought

TE Part #1879071-1
THS50 R01 5%

TE Part #794610-1
MICRO MNL RPT CNT,LS PC,TIN

TE Part #1445022-2
MICRO MNL RECEPT HSG SINGLE R

TE Part #966067-9
FER,WIRE,PL SLV,1.00/18,L8,RED,LP



TE Part #2106003-1
Connector, SMT-IDC, 1 POS, 18 AWG



TE Part #2-1625958-6
HB01RE 300K 1% 100PPM



TE Part #7-2176414-6
7W STD M/OX 5% 27K



TE Part #3-1630027-4
HSC300 R10 5%



TE Part #CQ50573001
RAY-103-7.5(10)

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



English