

2106003-1  ACTIVE

LUMAWISE | Insulation Displacement Connectors Closed End

TE Internal #: 2106003-1

Poke-In Connectors, Wire-to-Board, 1 Position, 4 in [.16 mm]

Centerline, Printed Circuit Board, Insulation Displacement

Connectors Closed End

[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

### Product Type Features

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

Number of Positions	1
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### Contact Features

Contact Current Rating (Max)	8.5 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]
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Wire Size	18 - 16 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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### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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: JAN 2024 (240)
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	Candidate List Declared Against: JAN 2022 (223)
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	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

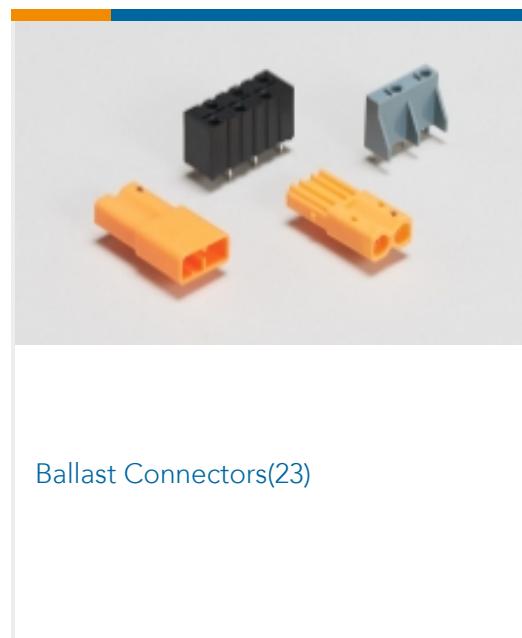


TE Part # 2106431-1  
Connector, SMT-IDC PASS THRU, 1  
POS, 18

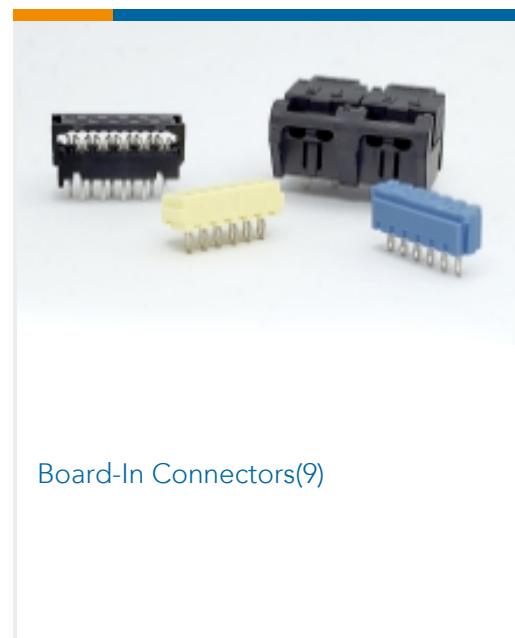
TE Part # 4-2106003-1  
Connector, SMT-IDC, 1 pos, 18AWG,  
black

## Also in the Series

## Insulation Displacement Connectors Closed End



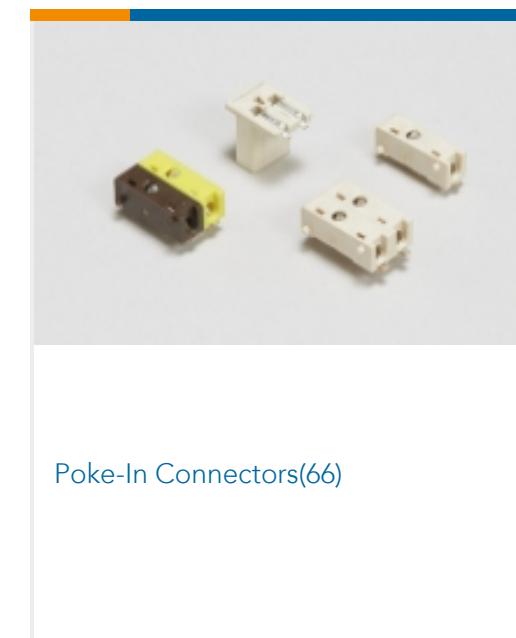
Ballast Connectors(23)



Board-In Connectors(9)



PCB Headers & Receptacles(1)



Poke-In Connectors(66)

## Customers Also Bought



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



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



TE Part # 2-1445050-2  
MICRO MNL HDR ASSY S/ROW LF



TE Part # 4-1437565-2  
FSM4JSMATR=TACT SWITCH 6X6MIL



TE Part # 2106003-2  
Connector, SMT-IDC, 2 position,  
18AWG



TE Part # 2106003-3  
Connector, SMT-IDC, 3 position,  
18AWG



TE Part # 2106003-4  
Connector, SMT-IDC, 4 POS, 18 AWG



TE Part # 8-1879501-9  
CRGH2512 5% 4K 2W



TE Part # 3-2176349-8  
CRGCQ 2512 12K 1%

## Documents

### Product Drawings

[Connector, SMT-IDC, 1 POS, 18 AWG](#)

English

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### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2106003-1\\_B.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2106003-1\\_B.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2106003-1\\_B.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[IDC\\_SSL\\_CONNECTOR](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Agency Approvals

[Agency Approval Document](#)

English