

### LUMAWISE | Insulation Displacement Connectors Closed End

TE Internal #: 2106431-3

Poke-In Connectors, Wire-to-Board, 3 Position, 4 in [.16 mm] Centerline, Printed Circuit Board, Insulation Displacement

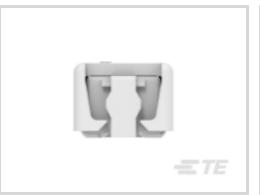
Connectors Closed End

View on TE.com >



Connectors > Lighting Connectors > Poke-In Connectors











Connector System: Wire-to-Board

Number of Positions: 3

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	3
Contact Features	
Contact Current Rating (Max)	8.5 A
Termination Features	
Termination Method to Printed Circuit Board	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	18 – 16 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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





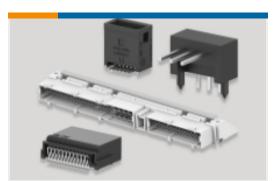
# Also in the Series | Insulation Displacement Connectors Closed End



Ballast Connectors(23)



Board-In Connectors(9)



PCB Headers & Receptacles(1)

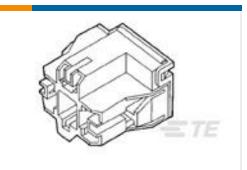


Poke-In Connectors(66)

# Customers Also Bought



TE Part #5-1775443-4
EMIX CONN., 1.5MM PITCH, HDR, V
/T, 4P



TE Part #172615-2 POSITIVE LOCK 312 HOUSING RECEPTACLE



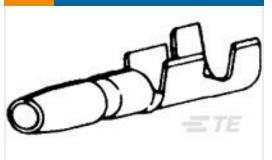
TE Part #172795-1
PL 312 FLAG REC 20-14 0.32 X 24.9
PTPBR



TE Part #1-2106431-4 Connector, SMT-IDC PASS THRU, 4 POS, 20



TE Part #2-2106431-4 Connector, SMT-IDC PASS THRU, 4 POS, 22



TE Part #60766-2 SHUR PLUG .156 18-14 AWG PTPBR TE Part #1544114-2 CLIP DRAPEAU 6,35

TE Part #1010-008-0206 GROMMET, 2P, RED/ORG, N, DT

### **Documents**

**Product Drawings** 

Connector, SMT-IDC PASS THRU, 3 POS, 18

English

**CAD Files** 

3D PDF

3D



**Customer View Model** 

ENG\_CVM\_CVM\_2106431-3\_B.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2106431-3\_B.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2106431-3\_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

**Product Environmental Compliance** 

**Product Compliance** 

English

**Product Compliance** 

English

Agency Approvals

Agency Approval Document

English