# 2-2106003-2 ACTIVE

### LUMAWISE | Insulation Displacement Connectors Closed End

TE Internal #: 2-2106003-2

Poke-In Connectors, Wire-to-Board, 2 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: 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                     |
| Contact Features                            |                       |
| Contact Current Rating (Max)                | 7 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                   | 22 – 20 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 2024 (240) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per<br>homogenous material. Also BFR/CFR/PVC<br>Free                               |
| Solder Process Capability                     | Reflow solder capable to 245°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 # 2-2106431-2 Connector, SMT-IDC PASS THRU, 2 POS, 22

TE Part # 6-2106003-2 Connector, SMT-IDC,2 pos, 22AWG, 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)

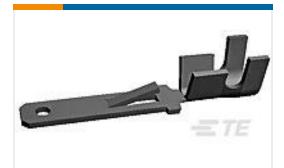
# Customers Also Bought



TE Part #747844-4
09 MSFL RCPT RA 318 (IN,FM,BL)



TE Part #5747150-2 09 RCPT SP/FMS STD



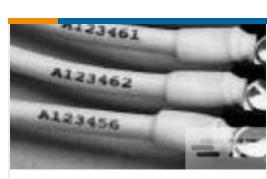
TE Part #42098-1 FF 250 TAB 18-14 AWG .032 BR



064 EURO TYPE B PIN ASSY



TE Part #650948-5 048 EURO TYPE C PIN ST ASSY



TE Part #5052942064 RNF-100-3/32-0-STK



TE Part #66360-1 III+ SKT,18-14,30AU>10,LP



TE Part #2-2172067-2 M8 MALE R/A PNL.3P.PCB (AU)





### **Documents**

### **Product Drawings**

Connector, SMT-IDC, 2 position, 22AWG

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_2-2106003-2\_B.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-2106003-2\_B.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-2106003-2\_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