3-2106431-1 ✔ ACTIVE

LUMAWISE | Insulation Displacement Connectors Closed End

TE Internal #: 3-2106431-1

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

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)	6 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	24 – 22 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



TE Part # 3-2106003-1
Connector, SMT-IDC, 1 POS, 24 AWG

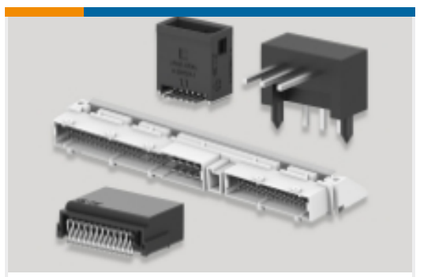
Also in the Series | Insulation Displacement Connectors Closed End



Ballast Connectors(23)



Board-In Connectors(9)

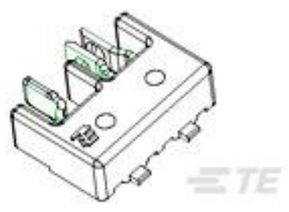


PCB Headers & Receptacles(1)

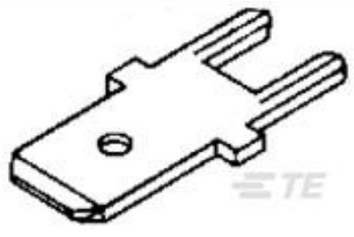


Poke-In Connectors(66)

Customers Also Bought



TE Part #1971567-2
MINIATURE HERMAPHRODITIC (4P)



TE Part #726386-2
250 FASTON TAB TPBR



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



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



TE Part #2-2106431-3
Connector, SMT-IDC PASS THRU, 3 POS, 22



TE Part #2106431-2
Connector, SMT-IDC PASS THRU, 2 POS, 18



TE Part #2213189-3
Assembly, IPI Connector 22-18GA w cap



TE Part #3-2106751-1
Connector, Thru Hole-IDC, 1 pos, 24AWG



TE Part #5-2176343-5
CRGCQ 1206 330K 1%



TE Part #3-794638-4
04P MICRO MNL ASSY,VRT,SMT,LF

Documents

Product Drawings

Connector, SMT-IDC PASS THRU, 1 POS, 24

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2106431-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2106431-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2106431-1_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

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1-962915-1 1903112-2 MPT100C18RF ROX05SJ18R 141991-2 2005330-1 2377783-2 1-794222-0
917696-1 SBCHE64R7K TE50BR39J 1969656-1 CPF0402B37K4E1 SBCHE154R7K U5254-000005-030PA
175977-2 2310537-1 650075-000 CRGCQ2010J3K3 3-1393225-0 3631B101LL RH73H2A40MKTN
SMW73R0JT 2380312-2 1393431-1 1743455-2 2-292161-3 936348-1 2834055-1 3430B2F51RTDF