

2106431-3 ACTIVE

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

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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

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	3
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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](https://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 2024 (240) 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 # 2106003-3
Connector, SMT-IDC, 3 position,
18AWG

Also in the Series

Insulation Displacement Connectors Closed End



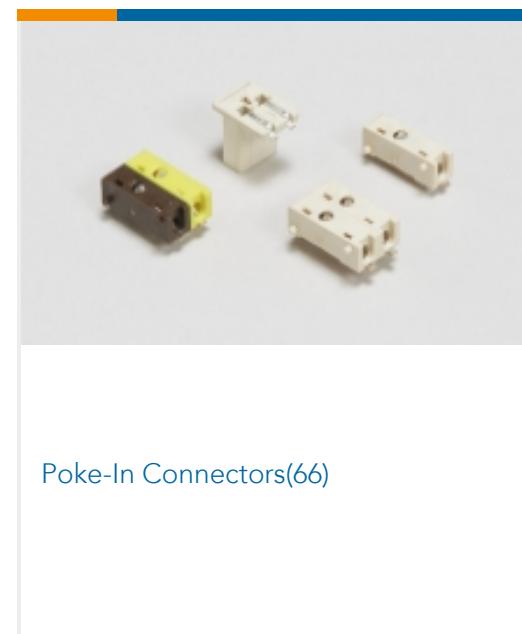
Ballast Connectors(23)



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 # 2176053-9
RLP73N 2A R11 1% 1K RL



TE Part # 172615-2
POSITIVE LOCK 312 HOUSING
RECEPTACLE



TE Part # 1-480351-0
01P CMNL CAP HSG NATL



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



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



TE Part # 1544114-2
CLIP DRAPEAU 6,35



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



TE Part # 1010-045-0306
GROMMET, 3P, RED/ORG, N, DTM

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

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Datasheets & Catalog Pages

[IDC_SSL_CONNECTOR](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English