



Connectors > Lighting Connectors > Poke-In Connectors



Connector System: **Wire-to-Board**
Number of Positions: **1**
Centerline (Pitch): **4 mm [.16 in]**
Connector & Contact Terminates To: **Printed Circuit Board**
Connector Height: **5.8 mm [.22 in]**

Features

Mechanical Attachment

Connector Mounting Type	Board Mount
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Electrical Characteristics

Operating Voltage	400 VDC
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Industry Standards

Compatible With Agency/Standards Products	UL
UL Flammability Rating	UL 94V-0

Body Features

Primary Product Color	Yellow
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Packaging Features

Packaging Method	Reel/Box
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Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Tin (Sn)



Contact Current Rating (Max)	8.5 A
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Dimensions

Compatible Insulation Diameter Range	2.2 mm[.087 in]
Connector Height	5.8 mm[.22 in]
Wire Size	18 – 16 AWG

Product Type Features

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

Configuration Features

Number of Positions	1
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Termination Features

Termination Method to PCB	Surface Mount
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Housing Features

Centerline (Pitch)	4 mm[.16 in]
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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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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

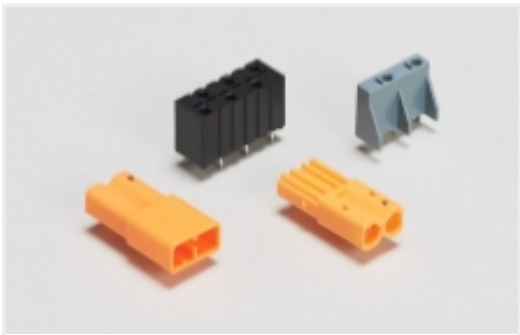
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

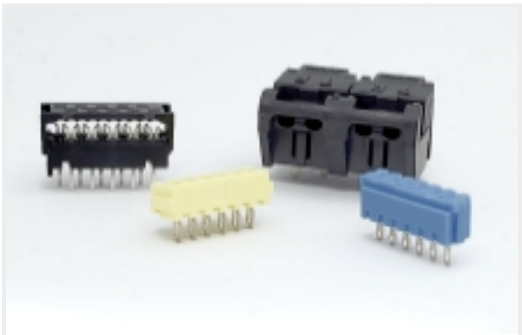


TE Part # 2106003-1
Connector, SMT-IDC, 1 POS, 18 AWG

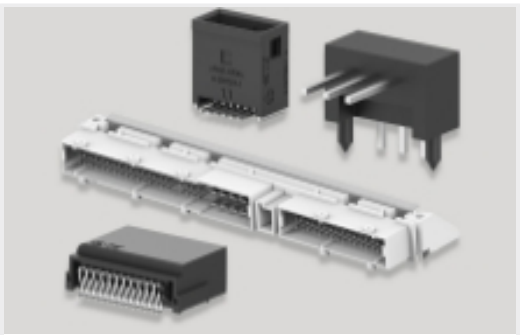
Also in the Series | Insulation Displacement Connectors Closed End



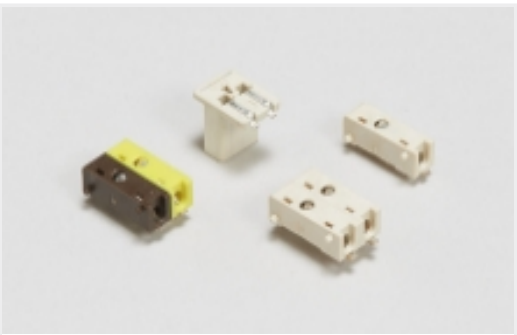
Ballast Connectors(16)



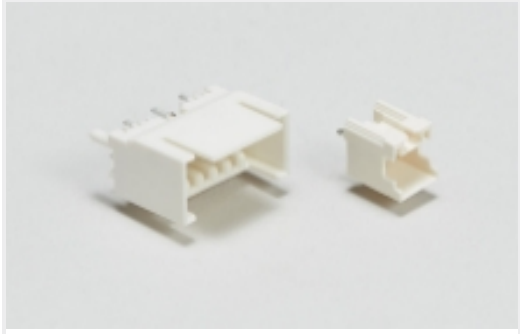
Board-In Connectors(9)



PCB Headers & Receptacles(1)




Poke-In Connectors(66)



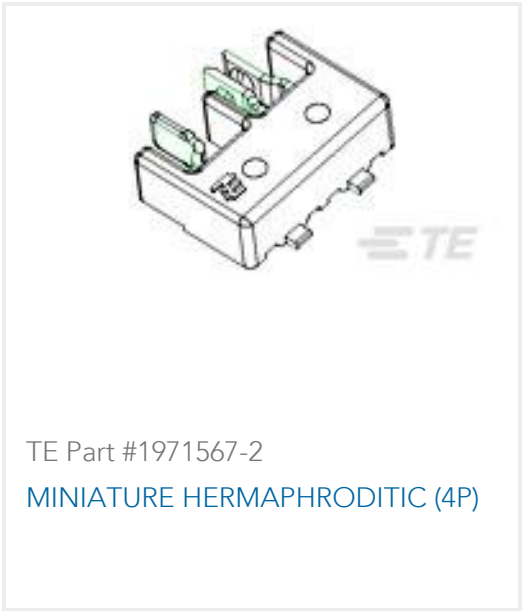
Wire-to-Board Headers & Receptacles (1)




Customers Also Bought




TE Part #1564562-5
SLIDE,TAB HSG GROUP D




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




TE Part #1394133-1
SINGLE WIRE SEAL BLUE




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




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 #2834171-3
ULTRAMINIATURE SLIM CONTACT



TE Part #323096
SOLIS R 22-16 COMM 22-18 MIL 4



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



TE Part #2-35476-1
TERMINAL,SOLIS R 12-10 6

Documents

Product Drawings

Connector, SMT-IDC PASS THRU, 1 POS, 18

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2106431-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2106431-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_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