1-2106489-1 ✔ ACTIVE

LUMAWISE | Insulation Displacement Connectors Closed End

TE Internal #: 1-2106489-1

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)	7.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder

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	20 – 18 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	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 # 1-2106751-1
Connector, Thru Hole-IDC, 1 pos, 20AWG

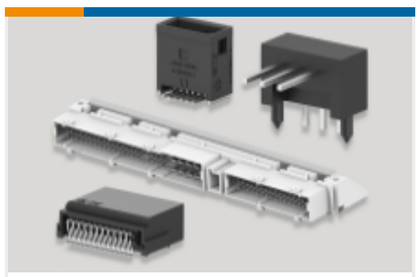
Also in the Series | Insulation Displacement Connectors Closed End



Ballast Connectors(23)



Board-In Connectors(9)



PCB Headers & Receptacles(1)



Poke-In Connectors(66)

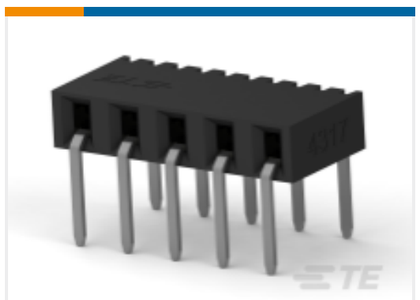
Customers Also Bought



TE Part #20017615-05
VCS-05 Liquid Level Sensor



TE Part #2-2301994-3
RJ45 JACK INT.MAG. 1GB LED 1X1



TE Part #2307706-5
5P,2MM,B-B,REC,SRHZ,2.1,0.38AU,TR



TE Part #1-84534-1
1.25MM FFC POST PLATED V 11P



TE Part #2007793-3
IMP100S,H,V3P16C,LG,OEW39,5.5



TE Part #T1280242132-000
H24B-TGBH-M32

Documents

Product Drawings

Connector, Thru Hole-IDC, 1 pos, 20AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2106489-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2106489-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2106489-1_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:

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