2106489-3 ✔ ACTIVE

LUMAWISE | Insulation Displacement Connectors Closed End

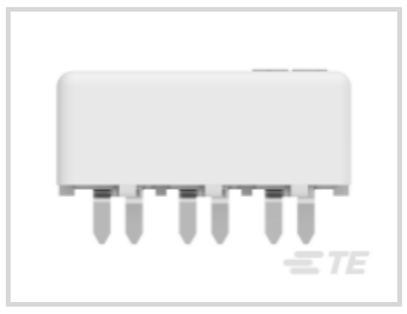
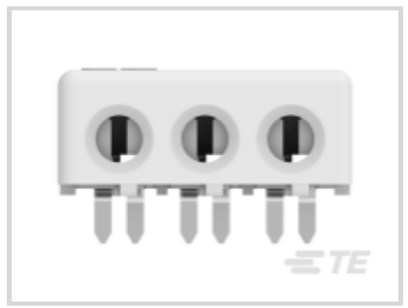
TE Internal #: 2106489-3

Wire-to-Board, 3 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: **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
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	3

Contact Features

Contact Current Rating (Max)	8.5 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	18 – 16 AWG

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power

Product Compliance

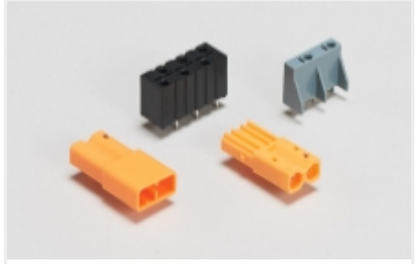
For compliance documentation, visit the product page on TE.com>

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

Compatible Parts

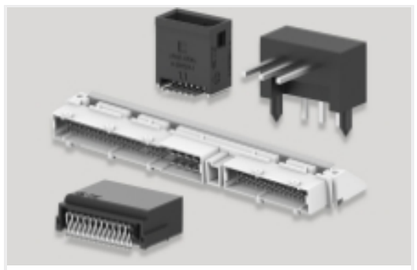
TE Part # 2106751-3
Connector, Thru Hole-IDC, 3 pos, 18AWG

Also in the Series | Insulation Displacement Connectors Closed End

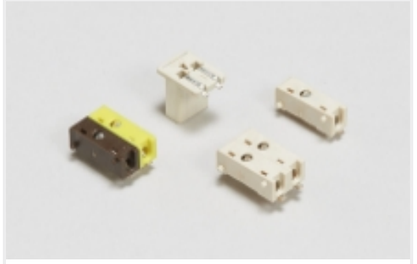


Ballast Connectors(16)

Board-In Connectors(9)

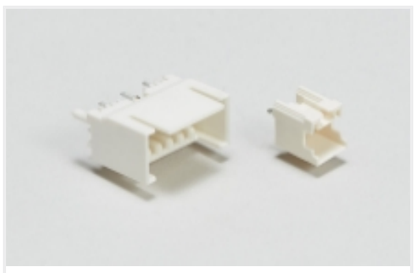


PCB Headers & Receptacles(1)



Poke-In Connectors(66)

Rectangular Power Connectors(1)



Wire-to-Board Headers & Receptacles (1)

Customers Also Bought

TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

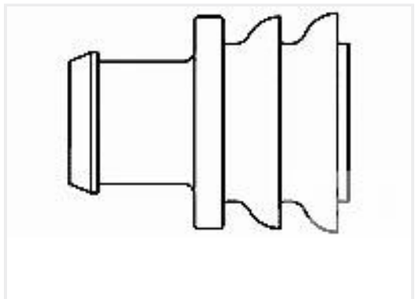
TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts

TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT

TE Part #DT06-2S
PLG, 2P, GRY, N

TE Part #DT04-2P
REC, 2P, GRY, N

TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL

Documents

Product Drawings

Connector, Thru Hole-IDC, 3 pos, 18AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2106489-3_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2106489-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2106489-3_B.3d_stp.zip

English

Datasheets & Catalog Pages

IDC_SSL_CONNECTOR

English

Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English