454303-E ✔ ACTIVE

LUMAWISE | Insulation Displacement Connectors Closed End

TE Internal #: 454303-E

Board-In PCB Mount One-Piece IDC Connector, Right Angle, Wire-to-Board, 1 Position, Discrete Wire, Insulation Displacement Connectors Closed End

View on TE.com >

Connectors > PCB Connectors > Board-In Connectors

PCB Connector Type: **PCB Mount One-Piece IDC Connector**

PCB Mount Orientation: **Right Angle**

Connector System: **Wire-to-Board**

Number of Positions: **1**

Compatible With Wire & Cable Type: **Discrete Wire**

Features

Product Type Features

PCB Connector Type	PCB Mount One-Piece IDC Connector
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	1
Compatible With Wire & Cable Type	Discrete Wire
Number of Rows	1

Body Features

Primary Product Color	White

Contact Features

Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	17.5 A

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Alignment	With
PCB Mount Retention	Without

Housing Features

Housing Material	Liquid Crystal Polymer (LCP)

Dimensions

Wire Size	22 AWG

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL

Packaging Features

Packaging Method	Package

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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

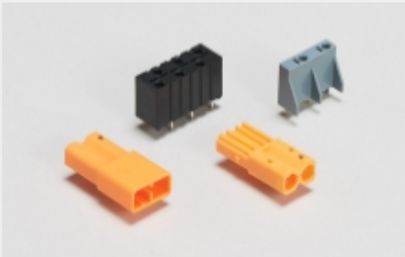
Product Compliance Disclaimer

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

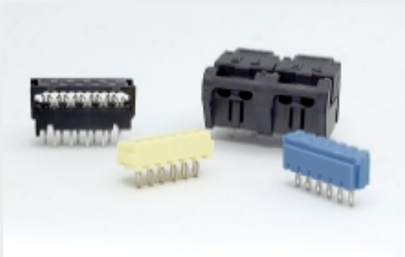
Compatible Parts

TE Part # 454302-E
IDCTERM 1 IDC22 1,30 * 105 707 0007 J 2

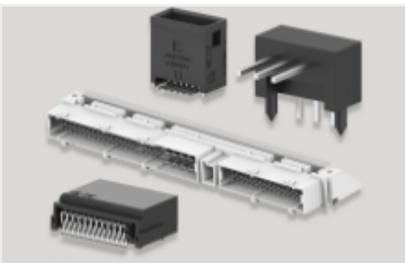
Also in the Series | Insulation Displacement Connectors Closed End



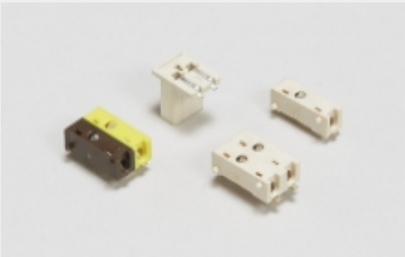
Ballast Connectors(16)



Board-In Connectors(9)

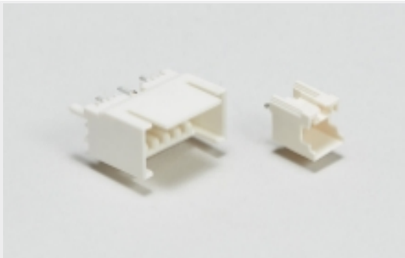


PCB Headers & Receptacles(1)



Poke-In Connectors(66)

Rectangular Power Connectors(1)



Wire-to-Board Headers & Receptacles (1)

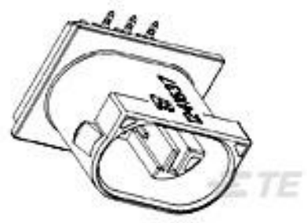
Customers Also Bought

TE Part #9236-BCE-T-600-002
600PA DIFF. DIGITAL PRESSURE SENSOR

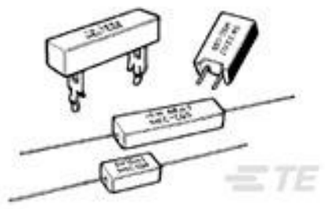
TE Part #T4171310504-001
M12,FRONT MOUNTING,FEMALE,D, 4P,0.2M WIRE

TE Part #640445-8
08P MTA156 HDR ASSY FL/STR SN

TE Part #2-644486-4
04P MTA100 SHRDED HDR ASSY SN



TE Part #1241637-1
6P,TAB0.63X0.63,HDR,90DEG,SLDR, SN



TE Part #1623783-1
SQM7 10K 5% (METAL FILM)

TE Part #3-1879216-2
CPF0402 150K 0.1% 25PPM 1K RL

TE Part #4-2176231-2
3522 510R 1% 3W

TE Part #7421-BBE-T-016-000
0.16 PSI Asymmetric Sensor

TE Part #1-826632-7
17P AMPMODU II PIN HDR

Documents

Product Drawings

IDCTERM 1 IDC22 1,30 KA 105 707 0007 J

German

CAD Files

Customer View Model

ENG_CVM_CVM_454303-E_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_454303-E_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_454303-E_1.3d_igs.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

ERNI IDC Terminal-ds

German

ERNI IDC Terminal-ds

English