INDUSTRIAL COMPONENT DATA

ZEC 1,0/ 7-LPV-3,5 C1,CI2 1710636 PHOENIX CONTACT PCB connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: ZEC 1,0/ 7-LPV-3,5 C1,CI2



Manufacturer	PHOENIX CONTACT
MPN / Reference	ZEC 1,0/ 7-LPV-3,5 C1,CI2
Catalog number	1710636
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-AD209A1901
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Product Overview

PCB connector
Connector for printed circuit board, nominal section: 1 mm², color: green, nominal current: 8 A, nominal voltage (III/2): 200 V, contact surface: Tin, contact type: Female, number of potentials: 7, number of rows: 1, number of poles: 7, number of connections: 7, family of articles: ZEC 1.0/.. -LPV, pitch: 3.5 mm, mounting: Direct plug-in connection technology, driver/printed circuit board connection direction: 0 °, number of solder pins per potential: 2, plug-in system: ZEC, lock: without, fixing type: without, packaging type: boxed
PCB connector, nominal cross section: 1 mm2, color: green, nominal current: 8 A, rated voltage (III/2): 200 V, contact surface: Sn, contact connection type: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: ZEC 1,0/..-LPV, pitch: 3.5 mm, mounting: Direct plug-in method, conductor/PCB connection direction: 0 °, number of solder pins per potential: 2, plug-in system: ZEC, locking: without, mounting: without, type of packaging: packed in cardboard

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > PCB Connectors (PCC)

Additional Product Information

Technical dataProduct propertiesProduct type PCB connector
Product family ZEC 1,0/..-LPV
Product line COMBICON Connectors S
Number of positions 7
Pitch 3.5 mm

Number of connections 7
Number of rows 1
Number of potentials 7
Solder pins per potential 2
Data management status
Article revision 00
Electrical propertiesNominal current IN 8 A
Nominal voltage UN 200 V
Contact resistance 1.2 m?
Rated voltage (III/3) 160 V
Rated surge voltage (III/3) 2.5 kV
Rated voltage (III/2) 200 V
Rated surge voltage (III/2) 2.5 kV
Rated voltage (II/2) 320 V
Rated surge voltage (II/2) 2.5 kV
MountingMounting type Direct plug-in method
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics hot-dip tin-plated
Metal surface contact area (top layer) Tin (4 - 8 µm Sn)
Material data - housing
Color (Housing) green (6021)
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
Glow wire flammability index GWFI according to EN 60695-2-12 850
Glow wire ignition temperature GWIT according to EN 60695-2-13 775
Temperature for the ball pressure test according to EN 60695-10-2 125 °C
NotesNotes on operation In accordance with IEC 61984, COMBICON connectors have no switching power (COC). During designated use, they must not be plugged in or disconnected when carrying voltage or under load.
DimensionsDimensional drawing...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ZEC 1,0/ 7-LPV-3,5 C1,CI2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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