INDUSTRIAL COMPONENT DATA

PC 5/ 2-G-7,62 P26 THT R44 1822024 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 2-G-7,62 P26 THT R44



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 5/ 2-G-7,62 P26 THT R44
Catalog number	1822024
Category	Printed circuit board connector
Minimum order	65 Pcs
Document ID	EO-45BAC7A6DC
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Product Overview

Printed-circuit board connector
Printed circuit board base case, nominal section: 6 mm², color: black, nominal current: 41 A, nominal voltage (III/2): 630 V, contact surface: Tin, contact type: Male, number of rows: 1, number of poles: 2, family of articles: PC 5/.. -G-THR, pitch: 7.62 mm, mounting: THR soldering/wave soldering, conductor connection direction/printed circuit board: 0 °, pin arrangement: Linear pin arrangement, pin length [P]: 2.6 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: 44 mm wide strap, More user information and design recommendations on Through Hole Reflow technology can be found at: Downloads PCB headers, nominal cross section: 6 mm2, color: black, nominal current: 41 A, rated voltage (III/2): 630 V, contact surface: Sn, contact connection type: Pin, number of rows: 1, number of positions: 2, product range: PC 5/..-G-THR, pitch: 7.62 mm, mounting: THR soldering / wave soldering, conductor/PCB connection direction: 0 °, pin layout: Linear pinning, solder pin [P]: 2.6 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: 44 mm wide tape, For user information and design recommendations for through-hole reflow technology,....

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 headers
Product family PC 5/..-G-THR
Product line COMBICON Connectors L

Number of positions 2
Pitch 7.62 mm
Number of rows 1
Mounting flange without
Pin layout Linear pinning
Solder pins per potential 3
Data management status
Article revision 01
Electrical propertiesNominal current IN 41 A
Nominal voltage UN 630 V
Rated voltage (III/3) 500 V
Rated surge voltage (III/3) 6 kV
Rated voltage (III/2) 630 V
Rated surge voltage (III/2) 6 kV
Rated voltage (II/2) 800 V
Rated surge voltage (II/2) 6 kV
MountingMounting type THR soldering / wave soldering
Pin layout Linear pinning
Processing notes
Process Reflow/wave soldering
Moisture Sensitive Level MSL 3
Classification temperature Tc 245 °C
Solder cycles in the reflow 3
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)
Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)
Material data - housing
Color (Housing) black (9005)
Insulating material PA GF
Insulating material group IIIa
CTI according to IEC 60112 250
Flammability rating according to UL 94 V0
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.
DimensionsDimension...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/ 2-G-7,62 P26 THT R44 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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