

INDUSTRIAL COMPONENT DATA

SACC-CI-M12FSB-5CON-L180 1551477 PHOENIX CONTACT

Panel feed-through

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-CI-M12FSB-5CON-L180



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-CI-M12FSB-5CON-L180
Catalog number	1551477
Category	Contact insert for circular connectors
Minimum order	20 Pcs
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Product Overview

Panel feed-through

Plug-in Mounting Connector, 5-Pole, Female Connection, Straight, M12, Coding: B, Printed Circuit Board Mounting, Solder Pins, 0.34 mm², Alternative product according to RoHS II without exception 6c (Pb < 0.1%) Item code: 1239984

Contact carrier, 5-position, Socket, straight, M12, coding: B, PCB mounting, Wave soldering, 0.34 mm², Alternative product in accordance with RoHS II without Exemption 6c (Pb)

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 > Field Device Connectors (FDC)

Additional Product Information

Technical dataNotesNotes on operation The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.

Product propertiesProduct type Contact insert

Application Signal

Number of positions 5

Seal present yes

Shielded no

Coding B

Thread type M12

Data management status
Article revision 04
Insulation characteristics
Overvoltage category III
Degree of pollution 3
Electrical properties Rated surge voltage 1.5 kV
Contact resistance $\leq 3 \text{ m}\Omega$
Insulation resistance $\geq 100 \text{ M}\Omega$
Nominal voltage UN 60 V
Nominal current IN 4 A
Max. conductor resistance $57.6 \text{ m}\Omega/\text{m}$
Connection data Connection method Wave soldering
Material specifications Flammability rating according to UL 94 V0
Seal material FKM / EPDM
Contact material CuZn
Contact surface material Au
Contact carrier material PA 6.6
Connector Connection 1
Head design Socket
Head cable outlet straight
Head thread type M12
Coding B
Cable/line Wire diameter incl. insulation $1.2 \text{ mm} \pm 0.07 \text{ mm}$
Cable cross section 0.34 mm^2
Conductor structure signal line $7 \times 0.25 \text{ mm}$
Thickness, insulation 0.21 mm
Nominal voltage, cable 300 V
Test voltage, cable 2000 V AC
Cable resistance $\leq 57.6 \text{ m}\Omega/\text{m}$
Cable insulation resistance $\geq 20 \text{ M}\Omega \cdot \text{km}$
Ambient temperature (operation) $-40 \text{ }^\circ\text{C} \dots 85 \text{ }^\circ\text{C}$ (cable, fixed installat...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-CI-M12FSB-5CON-L180 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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