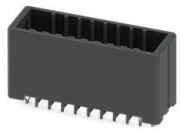
INDUSTRIAL COMPONENT DATA

DD31H 2,2/18-V-3,81-X 1340627 PHOENIX CONTACT Printed circuit board base case, color: black, rated current: ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: DD31H 2,2/18-V-3,81-X



Manufacturer	PHOENIX CONTACT
MPN / Reference	DD31H 2,2/18-V-3,81-X
Catalog number	1340627
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-2C74D8EED1
Generated	2026-08-05

Product Overview

Printed circuit board base case, color: black, rated current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Male, number of rows: 2, number of poles: 18, item family: DD31H 2.2/.. -V, pitch: 3.81 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.8 mm, number of solder pins per potential: 1, plug-in system: CONNEXIS DD, Plug-in face orientation: Standard, locking: Snap-in lock, fixing type: Snap-on protrusion, packaging type: boxed
PCB base housing, color: black, rated current: 8 A, rated voltage (III/2): 160 V, surface contacts: tin, contact type: Male, number of rows: 2, number of poles: 18, item family: DD31H 2,2/.. -V, pitch: 3.81 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.8 mm, number of solder pins per potential: 1, plug-in system: CONNEXIS DD, Plug-in Face Orientation: Standard, Lock: Snap Lock, Attachment Type: Lace Protrusion, Packaging Type: Boxed Packaging
PCB header, colour: black, nominal current: 8 A, reference voltage (III/2): 160 V, contact surface: tin, contact type: male, number of rows: 2, number of poles: 18, article range: DD31H 2,2/.. -V, pitch: 3.81 mm, mounting: Wave welding, spindle plane: Linear broaching, spindle length [P]: 3.8 mm, number of pins per potential: 1, Plug-in system: CONNEXIS DD, Orientation of the plug-in pattern: Stan...

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 characteristicsProduct PropertiesProduct Line CONNEXIS Connectors S
Product Type PCB header

Product range DD31H 2,2/.. -V
Number of poles 18
Steps 3.81 mm
Number of rows 2
Pinout plot Linear pinout
Number of pins per potential 1
Electrical propertiesRated Current IN 8 A
Rated voltage UN 160 V
Degree of pollution 3
Contact resistance 5 m?
Reference voltage (III/3) 160 V
Rated Shock Resistance Voltage (III/3) 2.5 kV
Rated Voltage (III/2) 160 V
Rated Shock Withstand Voltage (III/2) 2.5 kV
Reference voltage (II/2) 320 V
Rated Shock Withstand Voltage (II/2) 2.5 kV
MountingMounting Type Wave Welding
Pinout plot Linear pinout
Material GuidanceMaterial indication - contact
Note WEEE/RoHS compliant, trichite-free according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu Alloy
Surface quality Galvanic tinning
Metal surface, contact area (top layer) Tin (3 - 5 um Sn)
Metal surface, contact area (middle layer) Nickel (1.3 - 3 um Ni)
Metal surface, welding area (top layer) Tin (3 - 5 um Sn)
Metal surface, welding area (middle layer) Nickel (1.3 - 3 um Ni)
Material indication - housing
Colors (Cases) Black (9005)
Insulating material PBT
Insulation Group II
CRI according to IEC 60112 400 <= ITC
Flammability class according to UL 94 V0
NotesContact note These connectors are without switching power (COC) in accordance with DIN EN 61984. If used correctly, they should not be plugged in, unplugged under load, or powered on.
Application Note The current depends on the crimp contac...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DD31H 2,2/18-V-3,81-X 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