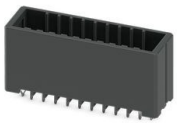
INDUSTRIAL COMPONENT DATA

DD31H 2,2/20-V-3,81-X 1340628 PHOENIX CONTACT Printed circuit board base housing, color: black, rated curren..

Brand: PHOENIX CONTACT | Manufacturer Part Number: DD31H 2,2/20-V-3,81-X



Manufacturer	PHOENIX CONTACT
MPN / Reference	DD31H 2,2/20-V-3,81-X
Catalog number	1340628
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-16EF09DC6B
Generated	2026-11-19

Product Overview

Printed circuit board base housing, 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: 20, 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, clamping type: Socket 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: 20, 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

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 dataItem PropertiesProduct Line CONNEXIS Connectors S
Product Type Printed circuit board base housing
Product Family DD31H 2,2/.. -V
Number of poles 20
Step 3.81 mm
Number of rows 2

Pin Design Linear Pin Arrangement
Number of Solder Pins Per Potential 1
Electrical PropertiesNominal Current IN 8 A
Nominal voltage UN 160 V
Degree of pollution 3
Contact resistance 5 m?
Sizing voltage (III/3) 160 V
Dimensioning transient voltage (III/3) 2.5 kV
Dimensioning voltage (III/2) 160 V
Dimensioning Transient Voltage (III/2) 2.5 kV
Nominal voltage (II/2) 320 V
Dimensioning transient voltage (II/2) 2.5 kV
assemblyType of mounting Wave soldering
Pin Design Linear Pin Arrangement
Material DataMaterial data - contact
Observation WEEE/RoHS compliant, filament-free according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu Alloy
Surface Characteristics Galvanically tinned
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 weld area (top layer) Tin (3 - 5 um Sn)
Metal Surface Welding Area (Middle Layer) Nickel (1.3 - 3 um Ni)
Material data - housing
Color (Housing) Black (9005)
Insulating material PBT
Insulating material group Ii
CTI according to IEC 60112 400 <= CTI
Flammability class according to UL 94 V0
NotesNote on contact These are connectors without switching capability (COC) according to DIN EN 61984. In the event of use as prescribed, they must not be plugged in or unplugged under voltage....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / DD31H 2,2/20-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.