

INDUSTRIAL COMPONENT DATA

BCH-500VS- 7 GN PA1,3,5,7 5430358 PHOENIX CONTACT

Printed circuit board base housing, nominal section: 2.5 m..

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-500VS-7 GN PA1,3,5,7



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCH-500VS-7 GN PA1,3,5,7
Catalog number	5430358
Category	Printed circuit board connector
Minimum order	1000 Pcs
Document ID	EO-0455EC53F9
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Product Overview

Printed circuit board base housing, nominal section: 2.5 mm², color: whitish green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Sn, contact connection type: Male, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, article family: BCH-VS, pitch: 5 mm, Mounting: Wave Welding, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 3.9 mm, Number of Solder Pins per Potential: 1, Plug-in System: BASICLINE 2.5, Plug-in Face Orientation: Standard, Locking: Without, Clamping Type: Without, Packaging Type: Boxed

PCB base housing, nominal cross-section: 2.5 mm², colour: off-white green, nominal current: 12 A, nominal voltage (III/2): 320 V, surface contacts: Tin, contact type: Male, number of rows: 1, number of poles: 7, article family: BCH-VS, pitch: 5 mm, assembly: Wave soldering, pin arrangement: Linear pin arrangement, Pin Length [P]: 3.9mm, Number of Welding Pins by Potential: 1, Plug-in System: BASICLINE 2.5, Plug-in Face Orientation: Standard, Lock: Free, Attachment Type: Sin, Packing Type: Boxed Packaging

PCB base strip, nominal cross-section: 2.5 mm², color: white-green, rated current: 12 A, rated voltage (III/2): 320 V, contact surface: tin, contact type: pin, number of potentials: 4, number of rows: 1, number of poles: 4, number of connectors: 4, article family: BCH-VS, pitch: 5 mm, mounting: wave soldering,...

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)
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Additional Product Information

Technical dataItem propertiesProduct Line COMBICON Connectors M

Product Type PCB Floor Strip

Product family BCH-VS

Number of poles 4
Grid dimension 5 mm
Number of ports 4
Number of rows 1
Number of potentials 4
Pin layout Linear Pinning
Number of solder pins per potential 1
Electrical propertiesNominal current IN 12 A
Rated voltage UN 320 V
Degree of contamination 3
Rated voltage (III/3) 250 V
Rated Surge Voltage (III/3) 4 kV
Rated voltage (III/2) 320 V
Rated Surge Voltage (III/2) 4 kV
Rated voltage (II/2) 400 V
Rated Surge Voltage (II/2) 4 kV
AssemblyMounting type Wave Soldering
Pin layout Linear Pinning
Material specificationsMaterial information - Contact
Note WEEE/RoHS compliant, whisker-free according to IEC 60068-2-82/JEDEC JESD 201
Material Contact Cu alloy
Surface finish Electroplated
Metal Surface Contact Area (Top Layer) Tin (4 - 8 um Sn)
Metal Surface Contact Area (Interlayer) Nickel (1.5 - 4 um Ni)
Metal Surface Soldering Area (Top Layer) Tin (4 - 8 um Sn)
Metal Surface Soldering Area (Interlayer) Nickel (1.5 - 4 um Ni)
Material specifications - Housing
Color (Housing) White-green (6019)
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability class 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 of the ball pressure test according to EN 60695-10-2 125 °C
RemarksNote on operation COMBICON connectors are connec...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-500VS-7 GN PA1,3,5,7 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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