INDUSTRIAL COMPONENT DATA

ICC25-H/4R5,0-6021 1475131 PHOENIX CONTACT Printed circuit board base housing, nominal section: 2.5 mm², col..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ICC25-H/4R5,0-6021



Manufacturer	PHOENIX CONTACT
MPN / Reference	ICC25-H/4R5,0-6021
Catalog number	1475131
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-388DE2E687
Generated	2026-11-19

Product Overview

Printed circuit board base housing, nominal section: 2.5 mm², color: green, nominal current: 16 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, family of articles: ICC.. -H/.. R5.0, pitch: 5 mm, mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, number of welding pins per potential: 1, Plug-in face orientation: Standard, locking: Snap lock, fixing type: without, packaging type: Carton packing, Item with right side pin output
PCB base housing, nominal cross-section: 2.5 mm², color: green, nominal current: 16 A, nominal voltage (III/2): 320 V, contact type: Male, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, family of articles: ICC. -H/.. R5.0, pitch: 5 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.5mm, number of solder pins per potential: 1, Plug-in face orientation: Standard, locking: Snap locking, fixing type: without, packing type: Packing in carton, Item with side pin outlet on the right
PCB headers, nominal cross section: 2.5 mm2, color: green, nominal current: 16 A, rated voltage (III/2): 320 V, contact connection type: Pin, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, produ...

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 > Housing (HS)

Additional Product Information

Technical dataProduct propertiesType Header perpendicular to the PCB
Product type PCB headers
Product family ICC..-H/..R5,0
Number of positions 4

Pitch 5 mm
Number of connections 4
Number of rows 1
Number of potentials 4
Pin layout Linear pinning
Solder pins per potential 1
Electrical propertiesNominal current IN 16 A
Nominal voltage UN 320 V
Degree of pollution 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) 630 V
Rated surge voltage (II/2) 4 kV
MountingMounting type Wave soldering
Pin layout Linear pinning
Connection method Plug / solder connection
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 Tin-plated
Metal surface terminal point (top layer) Tin (2 - 4 µm Sn)
Metal surface terminal point (middle layer) Nickel (1.3 - 3 µm Ni)
Metal surface contact area (top layer) Tin (2 - 4 µm Sn)
Metal surface contact area (middle layer) Nickel (1.3 - 3 µm Ni)
Metal surface soldering area (top layer) Tin (2 - 4 µm Sn)
Metal surface soldering area (middle layer) Nickel (1.3 - 3 µm Ni)
Material data - housing
Color (Housing) green (6021)
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
Glow wire flammability index GWFI according to EN 60695-2-12 850
Glow wire ignition temperature GWIT...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ICC25-H/4R5,0-6021 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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