

INDUSTRIAL COMPONENT DATA

MKDSP 10HV/ 8-10,16 1451280 PHOENIX CONTACT Terminal block for printed circuit board, nominal current: 76 A,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSP 10HV/ 8-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSP 10HV/ 8-10,16
Catalog number	1451280
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-98FD569872
Generated	2026-08-02

Product Overview

Terminal block for printed circuit board, nominal current: 76 A, nominal voltage (III/2): 1000 V, nominal section: 16 mm², number of rows: 1, number of poles per row: 8, article family: MKDSP 10HV, pitch: 10.16 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, Mounting: Wave Soldering, Conductor/PCB Connection Direction: 0°, Color: Green, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 5mm, Number of Soldering Pins per Potential: 2, Packaging Type: Boxed

Printed circuit board connector

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

ETIM for 1451280 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

35.8 mm

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

10.16 mm

Rated current In (EF008250)

76 A
Rated voltage (EF000228)
1000 V
Rated surge voltage (EF002993)
8 kV
Over voltage category (EF006785)
III
Pollution degree (EF006786)
2
Connection type conductor (EF006821)
Screw connection
Connectable conductor cross section solid-core (EF007337)
0.5 mm²
Connectable conductor cross section fine-strand with cable end sleeve (EF007339)
0.5 mm²
Connectable conductor cross section fine-strand without cable end sleeve (EF007341)
0.5 mm²
Connectable conductor cross section multi-wired (EF007343)
0.5 mm²
Connection type PCB (EF006822)
Soldering connection
Material connection surface (EF006826)
Tin
Diameter connection pin (EF006823)
1.5 mm
Length pin (EF006825)
5 mm
Material insulation body (EF007543)
Other
Housing colour (EF000136)
Green
Inflammability class of insulation material according to UL94 (EF002521)
V0
Operating temperature (EF002393)
-40 °C
Type of PCB fastening (EF008226)
Connecting contact
Type of fastening (EF002442)
Solder
Type of banding (EF007011)
Carton (for SMD)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSP 10HV/ 8-10,16 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.