

INDUSTRIAL COMPONENT DATA

PTSPLO-6/1-2X2 2,9 R32 1705085 PHOENIX CONTACT PCB terminal block for tin-plated stranded cables, e.g., type..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSPLO-6/1-2X2 2,9 R32



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSPLO-6/1-2X2 2,9 R32
Catalog number	1705085
Category	Printed circuit board terminal
Minimum order	220 Pcs
Document ID	EO-37FA357C22
Generated	2026-08-03

Product Overview

PCB terminal block for tin-plated stranded cables, e.g., type PV 1-F, nominal current: 41 A, 1-pos., connection method: spring-cage connection, mounting: THT/THR, user information on through hole reflow technology can be found at: [combicon.com](https://www.combicon.com)

Printed lug for tinned flexible cables, e.g. PV 1-F, rated current: 41 A, number of poles: 1, connection technology: spring connection, mounting: THT/THR; Further user information on Through Hole Reflow technology can be found at: [combicon.com](https://www.combicon.com)

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

Dimensions

Pin dimensions 0,6 x 1

Hole diameter 1.3 mm

General

Nominal current IN 41 A

Nominal cross section 6 mm²

Solder pin surface Sn

Stripping length 15 mm

Connection data

Conductor cross section flexible min. 2.5 mm²

Conductor cross section flexible max. 6 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 2.5 mm² Min.

Conductor cross section flexible, with ferrule without plastic sleeve max. 6 mm² max.

ETIM for 1705085 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

12.9 mm

Number of electrical connections (EF008252)

1

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

0 mm

Rated current In (EF008250)

41 A

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connection type conductor (EF006821)

Spring clamp connection

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

2.5 mm²

Connection type PCB (EF006822)

Soldering connection

Material connection surface (EF006826)

Tin

Diameter connection pin (EF006823)

1.3 mm

Length pin (EF006825)

2.9 mm

Housing colour (EF000136)

Other

Operating temperature (EF002393)

-40 °C

Type of PCB fastening (EF008226)

Connecting contact

Type of fastening (EF002442)

Solder

Type of banding (EF007011)

Blister girdle (for SMD)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSPLO-6/1-2X2 2,9 R32 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.