PCB terminal block - SMKDSP 1,5/16 - 1757549

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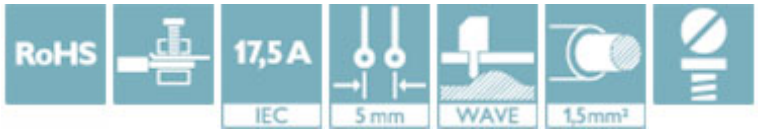
The figure shows a 10-position version of the product

PCB terminal block, nominal current: 17.5 A, pitch: 5 mm, number of positions: 16, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 55 °, color: green. The article can be aligned to create different nos. of positions!

Your advantages

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors
- Angled connection enables multi-row arrangement on the PCB
- Quick and convenient testing using integrated test option
- The latching on the side enables various numbers of positions to be combined



Key Commercial Data

Packing unit	50 pc
GTIN	4 046356 341042
GTIN	4046356341042

Technical data

Dimensions

Length [l]	13.4 mm
Pitch	5 mm
Dimension a	75 mm
Width [w]	80 mm
Height	15.3 mm
Height [h]	18.6 mm
Solder pin [P]	3.5 mm
Hole diameter	1.3 mm

General

PCB terminal block - SMKDSP 1,5/16 - 1757549

Technical data

General

Range of articles	SMKDSP 1,5
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	17.5 A
Nominal cross section	1.5 mm²
Maximum load current	22 A
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	7 mm
Number of positions	16
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	1 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²

PCB terminal block - SMKDSP 1,5/16 - 1757549

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Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

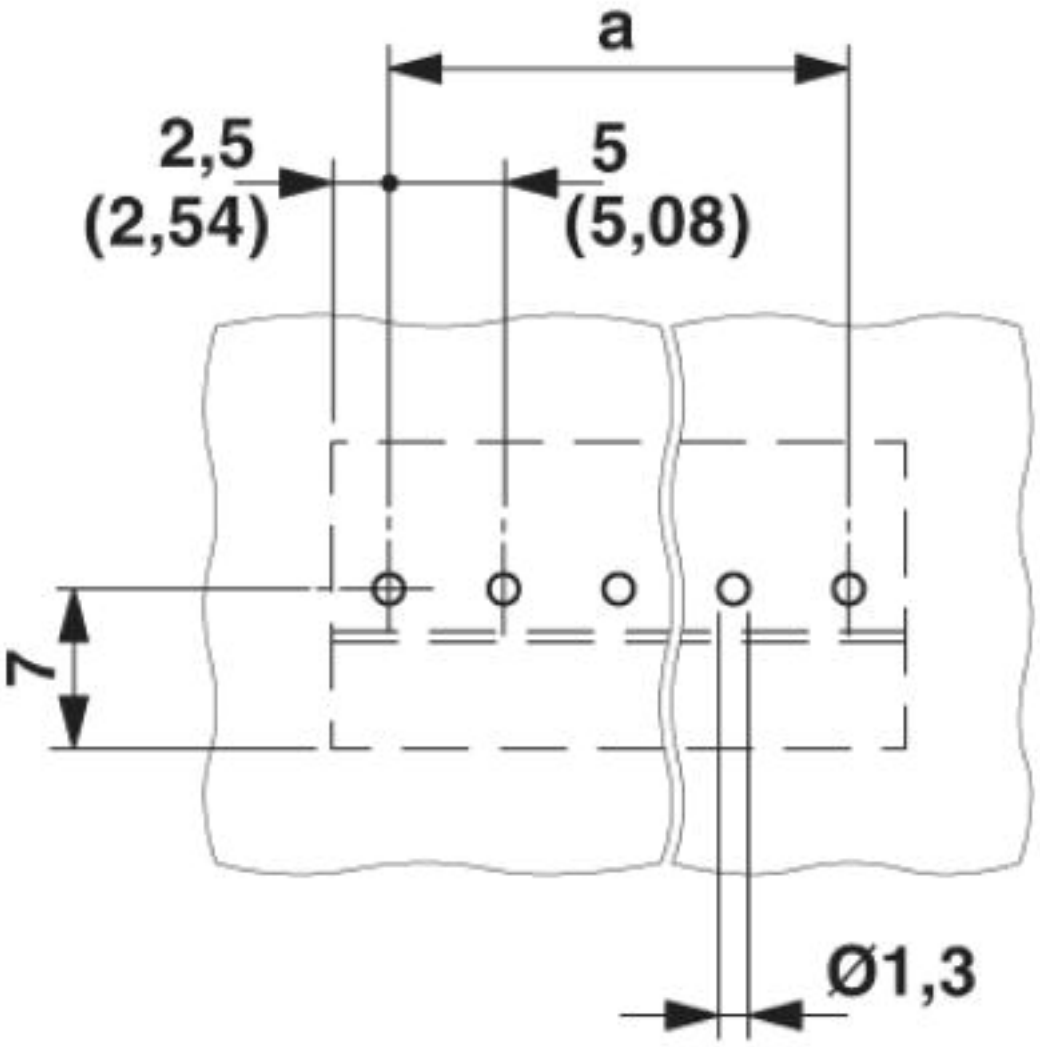
Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Drawings

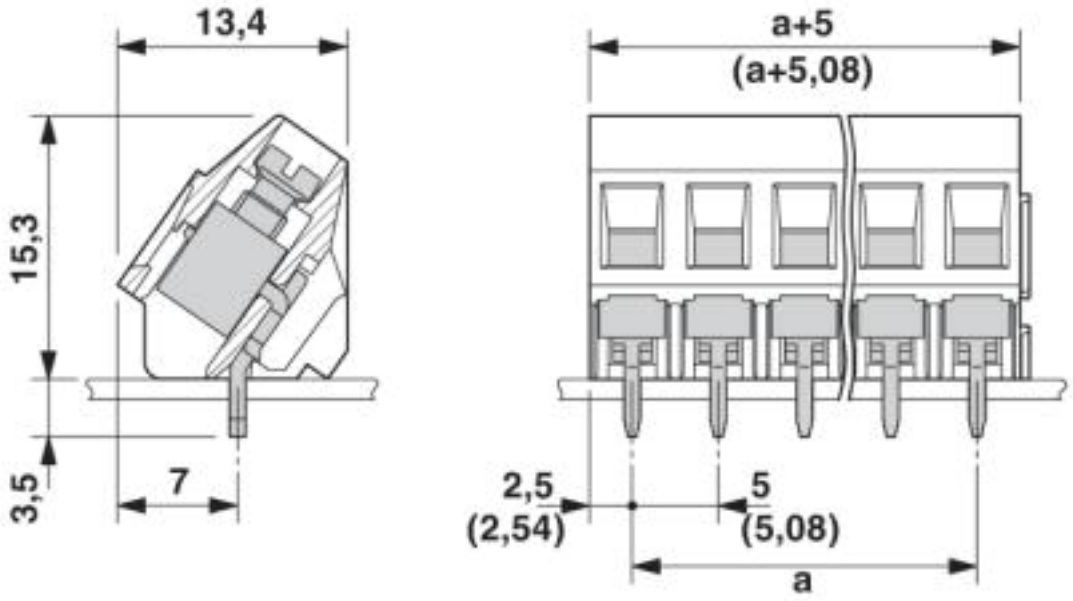
PCB terminal block - SMKDSP 1,5/16 - 1757549

Drilling diagram



PCB terminal block - SMKDSP 1,5/16 - 1757549

Dimensional drawing



Approvals

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CSA / IECEE CB Scheme / SEV / EAC / cULus Recognized

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631

	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	28-14	28-14

IECEE CB Scheme		http://www.iecee.org/	CH-8225

Nominal voltage UN	250 V

PCB terminal block - SMKDSP 1,5/16 - 1757549

Approvals

Nominal current IN	22 A
mm²/AWG/kcmil	2.5

SEV  https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html IK-3542-M1

Nominal voltage UN	250 V
Nominal current IN	22 A
mm²/AWG/kcmil	2.5

EAC  B.01742

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19870331

	B	D
Nominal voltage UN	250 V	300 V
Nominal current IN	15 A	10 A
mm²/AWG/kcmil	30-14	30-14

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