



Highlights

2 to 22 poles

Horizontal pin strip

Spacing 5.0 mm

Reflow soldering

THR

Wire Sizes

Solid min	-
Solid max	-
Stranded (flexible) min	-
Stranded (flexible) max	-
Stranded with ferrule min	-
Stranded with ferrule max	-

Dimensions

PCB hole diameter	1.5 mm
-------------------	--------

Materials

Contact pin	Brass
-------------	-------

Insulating Material

Material	LCP
Flammability class	UL 94 V-0

Temperatures

Operating temperature (without mech. load)	-40 °C - 105 °C
Store temperature	-40 °C - 105 °C

Wave Soldering Process

Soldering temperature, recommended	260 °C
Peak soldering time, recommended	3-4 s

Reflow Process

Soldering temperature, recommended	217 - 245 °C
Peak soldering time, recommended	60 s

Spacing 5.0 mm

Colours

BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.

Ratings

				
UseGroup	B	C	D	
Rated voltage	300 V	-	300 V	250 V
Rated current	10 A	-	10 A	7 A
Overvoltage category				III
Test voltage	1.60 kV	-	1.60 kV	4.0 kV
Pollution degree				2

Counterparts (Spacing 5.0 mm)

Terminal Block

AK130

In combination of connectors with different admission data, the lower value is valid.

Spacing 5.0 mm

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL140/2-5.0-H-BLACK-HT	50140025101 H	500
3	15.00	STL140/3-5.0-H-BLACK-HT	50140035101 H	500
4	20.00	STL140/4-5.0-H-BLACK-HT	50140045101 H	500
5	25.00	STL140/5-5.0-H-BLACK-HT	50140055101 G	250
6	30.00	STL140/6-5.0-H-BLACK-HT	50140065101 G	250
7	35.00	STL140/7-5.0-H-BLACK-HT	50140075101 G	250
8	40.00	STL140/8-5.0-H-BLACK-HT	50140085101 E	100
9	45.00	STL140/9-5.0-H-BLACK-HT	50140095101 E	100
10	50.00	STL140/10-5.0-H-BLACK-HT	50140105101 E	100
11	55.00	STL140/11-5.0-H-BLACK-HT	50140115101 E	100
12	60.00	STL140/12-5.0-H-BLACK-HT	50140125101 E	100
13	65.00	STL140/13-5.0-H-BLACK-HT	50140135101 E	100
14	70.00	STL140/14-5.0-H-BLACK-HT	50140145101 E	100
15	75.00	STL140/15-5.0-H-BLACK-HT	50140155101 E	100
16	80.00	STL140/16-5.0-H-BLACK-HT	50140165101 E	100
17	85.00	STL140/17-5.0-H-BLACK-HT	50140175101 D	50
18	90.00	STL140/18-5.0-H-BLACK-HT	50140185101 D	50
19	95.00	STL140/19-5.0-H-BLACK-HT	50140195101 D	50
20	100.00	STL140/20-5.0-H-BLACK-HT	50140205101 D	50
21	105.00	STL140/21-5.0-H-BLACK-HT	50140215101 D	50
22	110.00	STL140/22-5.0-H-BLACK-HT	50140225101 D	50



PTR HARTMANN

A Phoenix Mecano Company

Technical Data // **STL140/...5.0-H-BLACK-HT**

Spacing 5.0 mm

Technical drawing

