PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 8 poles	
Vertical pin strip	
Spacing 5.0 mm	
Pin length 3.5 mm	
Total pin length 12.5 mm	
Various pin lengths available	
Reflow soldering	
Automatic assembly (tape-on-reel)	
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	-40 °C (without mech. load) - 105 °C
Store temperature	-40 °C - 105 °C
Wave Soldering Process	
Soldering temperature, recommended	260 °C
Peak soldering time, recommended	3-4 s

Spacing 5.0 mm

Reflow Process

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

Colours

BLACK, RAL 9011

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

Ratings

	c UL us			VDE
UseGroup	B	C	D	
Rated voltage	300 V	150 V	300 V	250 V
Rated current	10 A	10 A	10 A	7 A
Overvoltage category				III
Test voltage	1.60 kV	1.30 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.

Tape on Reel

Number of Poles	Reel (RD/")	Width (R/mm)	Pitch (RP/mm)	Pieces (PCS)
2	13	24	12	330
3	13	24	12	330
4	13	56	16	250
5	13	56	16	250
6	13	56	16	250
7	13	56	16	250
8	13	56	16	250

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL130/2-5.0-V-P3.5-BK-HT	50130025031R	330
3	15.00	STL130/3-5.0-V-P3.5-BK-HT	50130035031R	330
4	20.00	STL130/4-5.0-V-P3.5-BK-HT	50130045031R	250
5	25.00	STL130/5-5.0-V-P3.5-BK-HT	50130055031R	250
6	30.00	STL130/6-5.0-V-P3.5-BK-HT	50130065031R	250
7	35.00	STL130/7-5.0-V-P3.5-BK-HT	50130075031R	250
8	40.00	STL130/8-5.0-V-P3.5-BK-HT	50130085031R	250

Spacing 5.0 mm

Technical drawing





