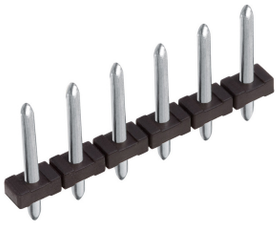
PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 12 poles	
Vertical pin strip	
Spacing 5.0 mm	
Pin length 3.5 mm	
Total pin length 15.0 mm	
Various pin lengths available	
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	-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	-	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

AK133

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

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL133/2-5.0-V-P3.5-BK-HT	50133025031 H	500
3	15.00	STL133/3-5.0-V-P3.5-BK-HT	50133035031 H	500
4	20.00	STL133/4-5.0-V-P3.5-BK-HT	50133045031 H	500
5	25.00	STL133/5-5.0-V-P3.5-BK-HT	50133055031 G	250
6	30.00	STL133/6-5.0-V-P3.5-BK-HT	50133065031 G	250
7	35.00	STL133/7-5.0-V-P3.5-BK-HT	50133075031 G	250
8	40.00	STL133/8-5.0-V-P3.5-BK-HT	50133085031 E	100
9	45.00	STL133/9-5.0-V-P3.5-BK-HT	50133095031 E	100
10	50.00	STL133/10-5.0-V-P3.5-BK-HT	50133105031 E	100
11	55.00	STL133/11-5.0-V-P3.5-BK-HT	50133115031 E	100
12	60.00	STL133/12-5.0-V-P3.5-BK-HT	50133125031 E	100

Spacing 5.0 mm

Technical drawing

