PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 12 poles	
Vertical pin strip	
Spacing 5.0 mm	
Closed ends	
Reflow soldering	
THR	
Pin length 2.6 mm	
Pin length 3.5 mm also available	
Wire Sizes	
Solid min	-
Solid max	-
Stranded (flexible) min	-
Stranded (flexible) max	-
Stranded with ferrule min	-
Stranded with ferrule max	-
Dimensions	
PCB hole diameter	1.4 mm
Materials	
Contact pin	Copper Alloy
Insulating Material	
Material	PPA
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	15 A	15 A	10 A	12 A
Overvoltage category				III
Test voltage	1.60 kV	1.30 kV	1.60 kV	4.0 kV
Pollution degree				3

Counterparts (Spacing 5.0 mm)

Terminal Block

AK950	AK955	AK1100	AK1110	AK1200	AK3950	AK4951

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

Accessoires

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	Art.-Nr. 50000000028

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	11.20	STL950/2G-5.0-V-P2.6-BK-HT	50950025387 F	200
3	16.20	STL950/3G-5.0-V-P2.6-BK-HT	50950035387 F	200
4	21.20	STL950/4G-5.0-V-P2.6-BK-HT	50950045387 F	200
5	26.20	STL950/5G-5.0-V-P2.6-BK-HT	50950055387 E	100
6	31.20	STL950/6G-5.0-V-P2.6-BK-HT	50950065387 E	100
7	36.20	STL950/7G-5.0-V-P2.6-BK-HT	50950075387 E	100
8	41.20	STL950/8G-5.0-V-P2.6-BK-HT	50950085387 D	50
9	46.20	STL950/9G-5.0-V-P2.6-BK-HT	50950095387 D	50
10	51.20	STL950/10G-5.0-V-P2.6-BK-HT	50950105387 D	50
11	56.20	STL950/11G-5.0-V-P2.6-BK-HT	50950115387 D	50
12	61.20	STL950/12G-5.0-V-P2.6-BK-HT	50950125387 D	50

Spacing 5.0 mm

Technical drawing

