



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 (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

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

				
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	Order Data: 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

Technical drawing

