

## Technical Data // STLZ1570/..G-3.81-H-GREEN

Spacing 3.81 mm



### Highlights

2 to 20 poles

Horizontal pin strip

Spacing 3.81 mm

Closed ends

Double tier pin strip

### Wire Sizes

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

### Dimensions

PCB hole diameter	1.2 mm
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### Materials

Contact pin	Copper Alloy
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### Insulating Material

Material	PBT
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	-
Peak soldering time, recommended	-

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### Colours

GREEN, RAL 6018

LIGHT GREEN, similar RAL 6018

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

### Ratings

				
UseGroup	B	C	D	
Rated voltage	300 V	-	300 V	160 V
Rated current	10 A	-	10 A	10 A
Overvoltage category				III
Test voltage	1.60 kV	-	1.60 kV	2.5 kV
Pollution degree				3



### Counterparts (Spacing 3.81 mm)

Terminal Block

AKZ1550	AKZ1700	AKZ1710	AKZ4551	AKZ4561
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In combination of connectors with different admission data, the lower value is valid.

### Accessoires

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-RED	Order Data: 50000000023
	Separating Element SE-STL1550-GREEN	Order Data: 51550000002

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### Order Data (Spacing 3.81 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	9.01	STLZ1570/2G-3.81-H-GREEN	51570025021 E	100
3	12.82	STLZ1570/3G-3.81-H-GREEN	51570035021 E	100
4	16.63	STLZ1570/4G-3.81-H-GREEN	51570045021 E	100
5	20.44	STLZ1570/5G-3.81-H-GREEN	51570055021 E	100
6	24.25	STLZ1570/6G-3.81-H-GREEN	51570065021 E	100
7	28.06	STLZ1570/7G-3.81-H-GREEN	51570075021 D	50
8	31.87	STLZ1570/8G-3.81-H-GREEN	51570085021 D	50
9	35.68	STLZ1570/9G-3.81-H-GREEN	51570095021 D	50
10	39.49	STLZ1570/10G-3.81-H-GREEN	51570105021 D	50
11	43.30	STLZ1570/11G-3.81-H-GREEN	51570115021 D	50
12	47.11	STLZ1570/12G-3.81-H-GREEN	51570125021 D	50
13	50.92	STLZ1570/13G-3.81-H-GREEN	51570135021 D	50
14	54.73	STLZ1570/14G-3.81-H-GREEN	51570145021 D	50
15	58.54	STLZ1570/15G-3.81-H-GREEN	51570155021 D	50
16	62.35	STLZ1570/16G-3.81-H-GREEN	51570165021 D	50
17	66.16	STLZ1570/17G-3.81-H-GREEN	51570175021 D	50
18	69.97	STLZ1570/18G-3.81-H-GREEN	51570185021 D	50
19	73.78	STLZ1570/19G-3.81-H-GREEN	51570195021 D	50
20	77.59	STLZ1570/20G-3.81-H-GREEN	51570205021 D	50

### Technical drawing

