



### Highlights

2 to 12 poles

Horizontal pin strip

Spacing 3.81 mm

Closed ends

Reflow soldering

THR

Pin length 2.6 mm

Pin length 1.4 mm | 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 1.2 mm

### Materials

Contact pin Copper Alloy

### Insulating Material

Material PA

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

**Technical Data // STLZ1550/..G-3.81-H-P2.6-BK-HT**

Spacing 3.81 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	-	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-NATURAL-HT	Order data: 50000000022

**Order Data (Spacing 3.81 mm)**

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	9.01	STLZ1550/2G-3.81-H-P2.6-BK-HT	51550025334 F	200
3	12.82	STLZ1550/3G-3.81-H-P2.6-BK-HT	51550035334 F	200
4	16.63	STLZ1550/4G-3.81-H-P2.6-BK-HT	51550045334 F	200
5	20.44	STLZ1550/5G-3.81-H-P2.6-BK-HT	51550055334 F	200
6	24.25	STLZ1550/6G-3.81-H-P2.6-BK-HT	51550065334 E	100
7	28.06	STLZ1550/7G-3.81-H-P2.6-BK-HT	51550075334 E	100
8	31.87	STLZ1550/8G-3.81-H-P2.6-BK-HT	51550085334 D	50
9	35.68	STLZ1550/9G-3.81-H-P2.6-BK-HT	51550095334 D	50
10	39.49	STLZ1550/10G-3.81-H-P2.6-BK-HT	51550105334 D	50
11	43.30	STLZ1550/11G-3.81-H-P2.6-BK-HT	51550115334 D	50
12	47.11	STLZ1550/12G-3.81-H-P2.6-BK-HT	51550125334 D	50



Spacing 3.81 mm

Technical drawing

