



### Highlights

2 to 12 poles

Horizontal pin strip

Spacing 3.81 mm

With fixing flange

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

Thread insert, flange Brass

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/..F-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

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	18.01	STLZ1550/2F-3.81-H-P2.6-BK-HT	51550026334 E	100
3	21.82	STLZ1550/3F-3.81-H-P2.6-BK-HT	51550036334 E	100
4	25.63	STLZ1550/4F-3.81-H-P2.6-BK-HT	51550046334 E	100
5	29.44	STLZ1550/5F-3.81-H-P2.6-BK-HT	51550056334 D	50
6	33.25	STLZ1550/6F-3.81-H-P2.6-BK-HT	51550066334 D	50
7	37.06	STLZ1550/7F-3.81-H-P2.6-BK-HT	51550076334 D	50
8	40.87	STLZ1550/8F-3.81-H-P2.6-BK-HT	51550086334 D	50
9	44.68	STLZ1550/9F-3.81-H-P2.6-BK-HT	51550096334 D	50
10	48.49	STLZ1550/10F-3.81-H-P2.6-BK-HT	51550106334 D	50
11	52.30	STLZ1550/11F-3.81-H-P2.6-BK-HT	51550116334 D	50
12	56.11	STLZ1550/12F-3.81-H-P2.6-BK-HT	51550126334 D	50



Spacing 3.81 mm

Technical drawing

