NEW

Technical Data // STL1550/..F-3.5-H-P2.6-BK-HT

Spacing 3.5 mm

PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 12 poles	
Horizontal pin strip	
Spacing 3.5 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

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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	-	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 3.5 mm)

Terminal Block

AK1550	AK1700	AK1710	AK4551	AK4561

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	Art.-Nr. 50000000022

Order Data (Spacing 3.5 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	17.70	STL1550/2F-3.5-H-P2.6-BK-HT	51550026343 E	100
3	21.20	STL1550/3F-3.5-H-P2.6-BK-HT	51550036343 E	100
4	24.70	STL1550/4F-3.5-H-P2.6-BK-HT	51550046343 E	100
5	28.20	STL1550/5F-3.5-H-P2.6-BK-HT	51550056343 D	50
6	31.70	STL1550/6F-3.5-H-P2.6-BK-HT	51550066343 D	50
7	35.20	STL1550/7F-3.5-H-P2.6-BK-HT	51550076343 D	50
8	38.70	STL1550/8F-3.5-H-P2.6-BK-HT	51550086343 D	50
9	42.20	STL1550/9F-3.5-H-P2.6-BK-HT	51550096343 D	50
10	45.70	STL1550/10F-3.5-H-P2.6-BK-HT	51550106343 D	50
11	49.20	STL1550/11F-3.5-H-P2.6-BK-HT	51550116343 D	50
12	52.70	STL1550/12F-3.5-H-P2.6-BK-HT	51550126343 D	50

Spacing 3.5 mm

Technical drawing

