

## AK4601/..KDVP-3.5-V-P3.3-BK-HT



- Pin length 1.5 mm also available

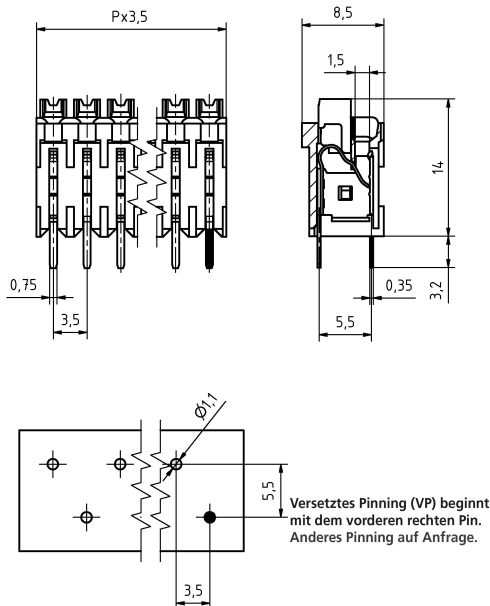
### Technical Data

Wire sizes		Insulating Material	
Solid min	0.2 mm <sup>2</sup>	Material	PA
Solid max	1.5 mm <sup>2</sup>	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2mm <sup>2</sup>	<b>Temperatures</b>	
Stranded (flexible) max	1.5 mm <sup>2</sup>	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.25 mm <sup>2</sup>	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	0.75 mm <sup>2</sup>	<b>Wave Soldering Process</b>	
<b>Dimensions</b>		Soldering Temperature, recommended	260 °C
Stripped Length	10.0 mm	Peak Soldering Time, recommended	3-4 s
PCB Hole Diameter	1.2 mm	<b>Reflow Process</b>	
<b>Materials</b>		Soldering Temperature, recommended	217 - 245 °C
Solder Tab	Copper Alloy	Peak Soldering Time, recommended	60 s
Clamp Spring	Stainless Steel		

### Colours

BLACK, RAL 9011

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

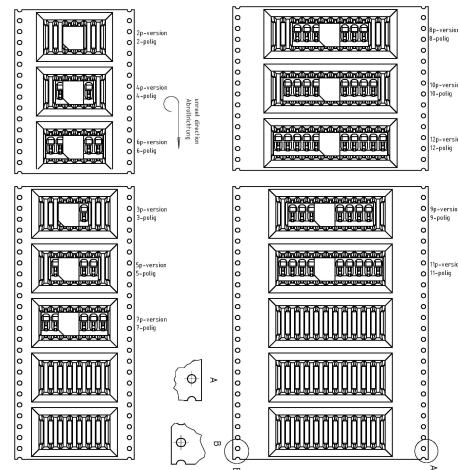


### Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK4601/2KDVP-3.5-V-P3.3-BK-HT	54601020351R	150
3	10.50	AK4601/3KDVP-3.5-V-P3.3-BK-HT	54601030351R	150
4	14.00	AK4601/4KDVP-3.5-V-P3.3-BK-HT	54601040351R	150
...	...	...	...	...
10	35.00	AK4601/10KDVP-3.5-V-P3.3-BK-HT	54601100351R	150
11	38.50	AK4601/11KDVP-3.5-V-P3.3-BK-HT	54601110351R	150
12	42.00	AK4601/12KDVP-3.5-V-P3.3-BK-HT	54601120351R	150

### Tape on Reel

Poles	Reel (RD/")	Width (R/mm)	Pitch (RP/mm)	Pieces (PCS)
2	13	44	20	150
3	13	44	20	150
4	13	44	20	150
...	...	...	...	...
10	13	72	20	150
11	13	72	20	150
12	13	72	20	150



### Ratings

UseGroup					
	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	10 A	-	10 A	8 A	
Overvoltage Category				III	
Rated Wire Size				min	max
- solid	AWG 24-16	-	AWG 24-16	0.2 mm <sup>2</sup>	1.5 mm <sup>2</sup>
- stranded	AWG 24-16	-	AWG 24-16	0.2 mm <sup>2</sup>	1.5 mm <sup>2</sup>
Test Voltage	1.60 kV	-	1.60 kV	4.0 kV	
Pollution Degree				3	