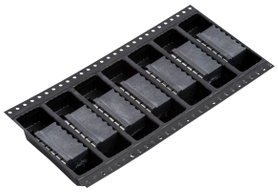
NEW

Technical Data // AK4601/..KD-3.5-H-P3.3-BK-HT

Spacing 3.5 mm

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Highlights	
2 to 12 poles	
Push-In connection	
Spacing 3.5 mm	
Wire entry parallel to PCB	
With lever	
Reflow soldering	
Automatic assembly (tape-on-reel)	
THR	
Pin length 1.5 mm also available	
Wire Sizes	
Solid min	0.2 mm²
Solid max	1.5 mm²
Stranded (flexible) min	0.2 mm²
Stranded (flexible) max	1.5 mm²
Stranded with ferrule min	0.25 mm²
Stranded with ferrule max	0.75 mm²
Dimensions	
Stripped length	10.0 mm
PCB hole diameter	1.2 mm
Materials	
Solder tab	Copper Alloy
Clamp spring	Stainless Steel
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

Spacing 3.5 mm

Wave Soldering Process

Soldering temperature, recommended	260 °C
Peak soldering time, recommended	3-4 s

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	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 mm²	1.5 mm²
- stranded	-	-	-	-	-
- stranded (flexible)	AWG 24-16	-	AWG 24-16	0.2 mm²	1.5 mm²
Test voltage	1.60 kV	-	1.60 kV	4.0 kV	
Pollution degree				3	

Tape on Reel

Number of Poles	Reel (RD/")	Width (R/mm)	Pitch (RP/mm)	Pieces (PCS)
2	13	44	24	200
3	13	44	24	200
4	13	44	24	200
5	13	44	24	200
6	13	44	24	200
7	13	72	24	200
8	13	72	24	200
9	13	72	24	200
10	13	72	24	200
11	13	72	24	200
12	13	72	24	200

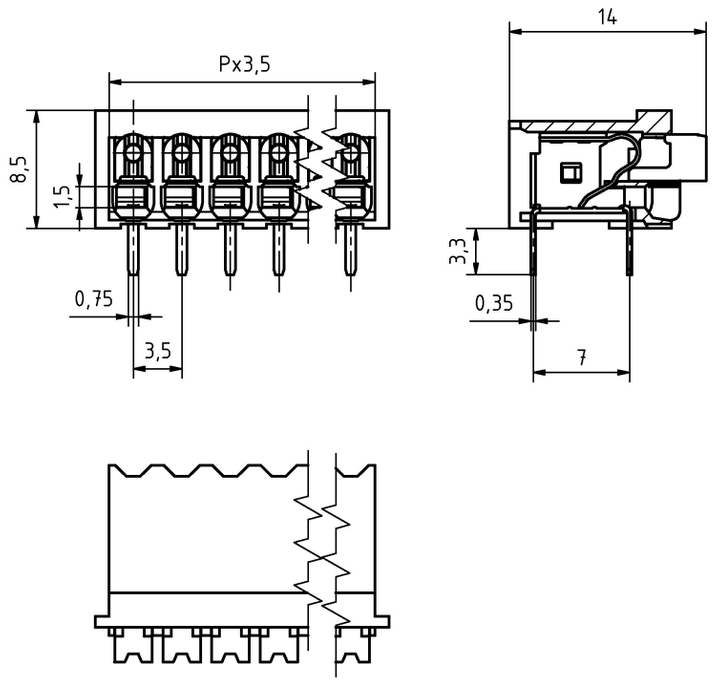
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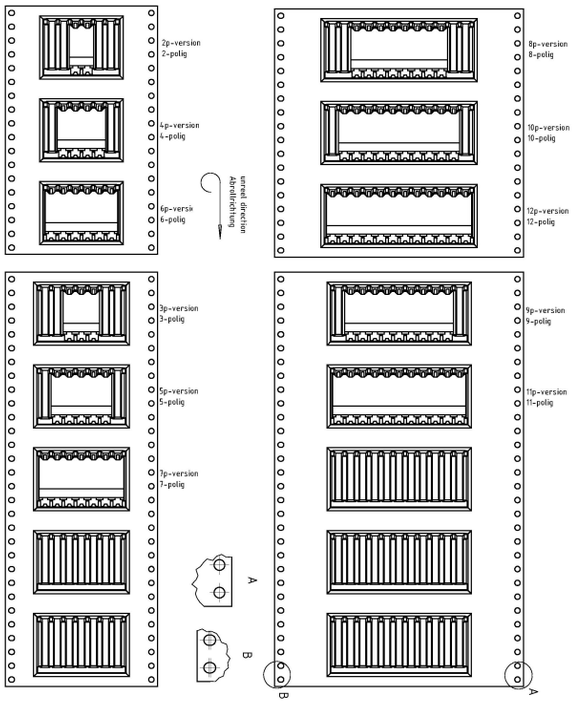
Spacing 3.5 mm

Order Data (Spacing 3.5 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK4601/2KD-3.5-H-P3.3-BK-HT	54601020302R	200
3	10.50	AK4601/3KD-3.5-H-P3.3-BK-HT	54601030302R	200
4	14.00	AK4601/4KD-3.5-H-P3.3-BK-HT	54601040302R	200
...	...	...	...	...
10	35.00	AK4601/10KD-3.5-H-P3.3-BK-HT	54601100302R	200
11	38.50	AK4601/11KD-3.5-H-P3.3-BK-HT	54601110302R	200
12	42.00	AK4601/12KD-3.5-H-P3.3-BK-HT	54601120302R	200

Technical drawing




2p-version
2-polig
4p-version
4-polig
6p-versi
6-polig
unreel direction
Abrollrichtung
8p-version
8-polig
10p-version
10-polig
12p-version
12-polig
3p-version
3-polig
5p-version
5-polig
7p-version
7-polig
A
B
9p-version
9-polig
11p-version
11-polig
B
A