



# AKZ4801/..KD-6.35-V-BLACK-HT

## Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm <sup>2</sup>	Material	PPA
Solid max	2.5 mm <sup>2</sup>	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm <sup>2</sup>	<b>Temperatures</b>	
Stranded (flexible) max	2.5 mm <sup>2</sup>	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm <sup>2</sup>	<b>Wave Soldering Process</b>	
Stranded with Ferrule max	2.5 mm <sup>2</sup>	Soldering Temperature, recommended	265 °C
<b>Dimensions</b>		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	<b>Reflow Process</b>	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	217 - 245 °C
<b>Materials</b>		Peak Soldering Time, recommended	60 s
Clamp	Zinc Die-Cast		
Solder Tag	Brass		
Clamp Spring	Stainless Steel		

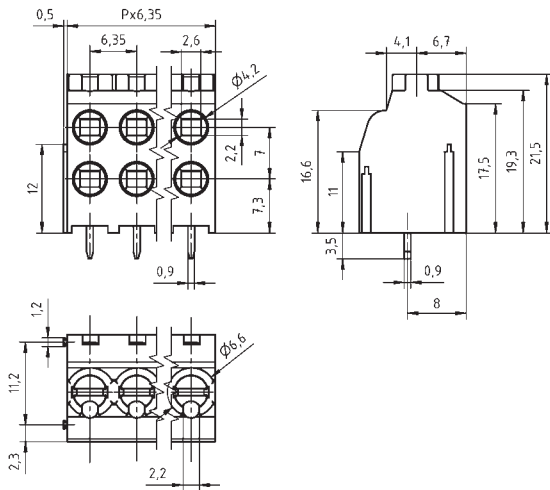
## Colours

■ BLACK, RAL 9011

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

## Order Data (Spacing 6.35 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	13.20	AKZ4801/2KD-6.35-V-BLACK-HT	54801020301E	100
3	19.55	AKZ4801/3KD-6.35-V-BLACK-HT	54801030301E	100
4	25.90	AKZ4801/4KD-6.35-V-BLACK-HT	54801040301D	50
5	32.25	AKZ4801/5KD-6.35-V-BLACK-HT	54801050301D	50
6	38.60	AKZ4801/6KD-6.35-V-BLACK-HT	54801060301D	50
7	44.95	AKZ4801/7KD-6.35-V-BLACK-HT	54801070301D	50
8	51.30	AKZ4801/8KD-6.35-V-BLACK-HT	54801080301D	50
9	57.65	AKZ4801/9KD-6.35-V-BLACK-HT	54801090301D	50
10	64.00	AKZ4801/10KD-6.35-V-BLACK-HT	54801100301D	50
11	70.35	AKZ4801/11KD-6.35-V-BLACK-HT	54801110301D	50
12	76.70	AKZ4801/12KD-6.35-V-BLACK-HT	54801120301D	50



## Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	400 V	
Rated Current	12 A	-	10 A	12 A	
Rated Wire Size			min		max
	solid	AWG 24-14	-	AWG 24-14	0.2 mm <sup>2</sup> 2.5 mm <sup>2</sup>
	stranded	AWG 24-14	-	AWG 24-14	0.2 mm <sup>2</sup> 2.5 mm <sup>2</sup>
Test Voltage	1.6 kV	-	1.6 kV	2.5 kV	