



## Fixed Push-In PCB Terminal 3.50 mm Pin Spacing

- Push-In Technology
- 1-N Poles
- Various Colors / Pin Configurations
- Standard Color: Light Gray



**AK4291/xxKD-3.5**  
**AK4291/xxKDVP-3.5**

### Electrical Ratings

|               |          | UL E178356 |      | IEC         | VDE                                     |
|---------------|----------|------------|------|-------------|-----------------------------------------|
| Usergroup     | B        | C          | D    | -           | -                                       |
| Rated Voltage | 300V     | -          | 300V | 130V / 250V | -                                       |
| Rated Current | 6A       | -          | 6A   | 3A          | -                                       |
| Wire Size     | solid    | 22-16AWG   | -    | 22-16AWG    | 0.2mm <sup>2</sup> -0.75mm <sup>2</sup> |
|               | stranded | 22-16AWG   | -    | 22-16AWG    | 0.2mm <sup>2</sup> -0.75mm <sup>2</sup> |

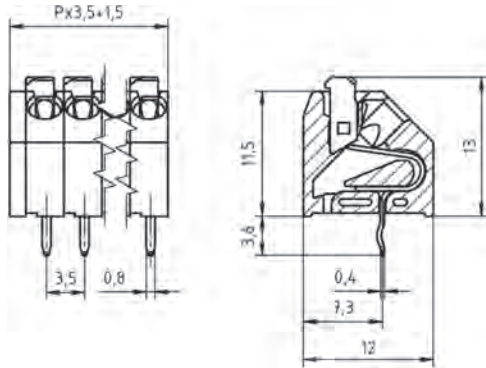
### Ordering Information (3.50 mm Spacing - Gray)

| No. Poles | Order # | Type #            | Length (mm) | Std. Pack |
|-----------|---------|-------------------|-------------|-----------|
| 1         | 39.5201 | AK4291/1KD-3.5-G  | 5.00        | 100       |
| 2         | 39.5202 | AK4291/2KD-3.5-G  | 8.50        | 100       |
| 3         | 39.5203 | AK4291/3KD-3.5-G  | 12.00       | 100       |
| 4         | 39.5204 | AK4291/4KD-3.5-G  | 15.50       | 50        |
| 5         | 39.5205 | AK4291/5KD-3.5-G  | 19.00       | 50        |
| 6         | 39.5206 | AK4291/6KD-3.5-G  | 22.50       | 50        |
| 7         | 39.5207 | AK4291/7KD-3.5-G  | 26.00       | 20        |
| 8         | 39.5208 | AK4291/8KD-3.5-G  | 29.50       | 20        |
| 9         | 39.5209 | AK4291/9KD-3.5-G  | 33.00       | 20        |
| 10        | 39.5210 | AK4291/10KD-3.5-G | 36.50       | 20        |
| 11        | 39.5211 | AK4291/11KD-3.5-G | 40.00       | 20        |
| 12        | 39.5212 | AK4291/12KD-3.5-G | 43.50       | 20        |

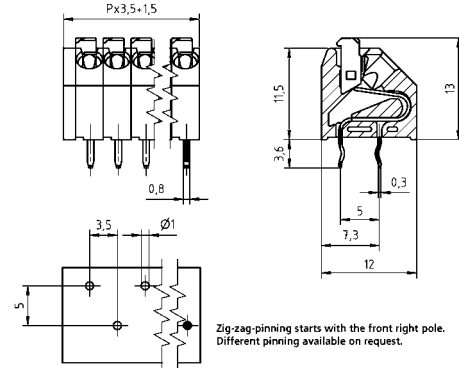
### Ordering Information (3.50 mm Spacing - Gray)

| No. Poles | Order # | Type #              | Length (mm) | Std. Pack |
|-----------|---------|---------------------|-------------|-----------|
| 1         | 39.5251 | AK4291/1KDVP-3.5-G  | 5.00        | 100       |
| 2         | 39.5252 | AK4291/2KDVP-3.5-G  | 8.50        | 100       |
| 3         | 39.5253 | AK4291/3KDVP-3.5-G  | 12.00       | 100       |
| 4         | 39.5254 | AK4291/4KDVP-3.5-G  | 15.50       | 50        |
| 5         | 39.5255 | AK4291/5KDVP-3.5-G  | 19.00       | 50        |
| 6         | 39.5256 | AK4291/6KDVP-3.5-G  | 22.50       | 50        |
| 7         | 39.5257 | AK4291/7KDVP-3.5-G  | 26.00       | 20        |
| 8         | 39.5258 | AK4291/8KDVP-3.5-G  | 29.50       | 20        |
| 9         | 39.5259 | AK4291/9KDVP-3.5-G  | 33.00       | 20        |
| 10        | 39.5260 | AK4291/10KDVP-3.5-G | 36.50       | 20        |
| 11        | 39.5261 | AK4291/11KDVP-3.5-G | 40.00       | 20        |
| 12        | 39.5262 | AK4291/12KDVP-3.5-G | 43.50       | 20        |

### Dimensions (mm)



### Dimensions (mm)



### Material Specifications

|                       |                 |
|-----------------------|-----------------|
| Spring Clamp          | Stainless Steel |
| Solder Tab            | Copper Alloy    |
| Insulating Material   | PA 6.6          |
| Flammability Class    | UL94V-0         |
| Operating Temperature | -30°C - +105°C  |

### Wave Solder Process

|                       |       |
|-----------------------|-------|
| Soldering Temperature | 265°C |
| Peak Soldering Time   | 3-4s  |

### Installation Data

|                  |       |
|------------------|-------|
| Stripping Length | 9mm   |
| PCB Hole Size    | 1.0mm |

### Other Colors Available

- GREEN, RAL 6018
- ORANGE, RAL 2011
- BLUE, RAL 5015

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