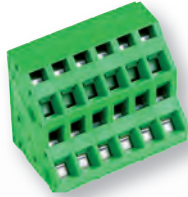


# PCB Tension Spring Terminal

## 5.00 / 5.08 mm Pin Spacing

- Double Level
- 45° Wire Entry
- Tension Spring Technology
- Standard Color: Green



**AK3750/xx-5.0**  
**AKZ3750/xx-5.08**

### Electrical Ratings

		UL US E178356		IEC	VDE
Usergroup		B	C	D	—
		300V	—	300V	250V
Rated Current		16A	—	10A	12A
Wire Size	<i>solid</i>	28-14AWG	—	28-14AWG	0.5mm <sup>2</sup> -2.5mm <sup>2</sup>
	<i>stranded</i>	28-14AWG	—	28-14AWG	0.5mm <sup>2</sup> -2.5mm <sup>2</sup>

### Ordering Information (5.00 mm Spacing)

Poles	Length	Std. Pack	Order #	Type #
1	6.70	100	<b>38.3101</b>	AK3750/1-5.00
2	11.70	100	<b>38.3102</b>	AK3750/2-5.00
3	16.70	100	<b>38.3103</b>	AK3750/3-5.00
4	21.70	50	<b>38.3104</b>	AK3750/4-5.00
5	26.70	50	<b>38.3105</b>	AK3750/5-5.00
6	31.70	50	<b>38.3106</b>	AK3750/6-5.00
7	36.70	50	<b>38.3107</b>	AK3750/7-5.00
8	41.70	50	<b>38.3108</b>	AK3750/8-5.00
9	46.70	50	<b>38.3109</b>	AK3750/9-5.00
10	51.70	50	<b>38.3110</b>	AK3750/10-5.00
11	56.70	50	<b>38.3111</b>	AK3750/11-5.00
12	61.70	50	<b>38.3112</b>	AK3750/12-5.00

### Ordering Information (5.08 mm Spacing)

Poles	Length	Std. Pack	Order #	Type #
1	6.70	100	<b>38.3501</b>	AKZ3750/1-5.08
2	11.70	100	<b>38.3502</b>	AKZ3750/2-5.08
3	16.70	100	<b>38.3503</b>	AKZ3750/3-5.08
4	21.70	50	<b>38.3504</b>	AKZ3750/4-5.08
5	26.70	50	<b>38.3505</b>	AKZ3750/5-5.08
6	31.70	50	<b>38.3506</b>	AKZ3750/6-5.08
7	36.70	50	<b>38.3507</b>	AKZ3750/7-5.08
8	41.70	50	<b>38.3508</b>	AKZ3750/8-5.08
9	46.70	50	<b>38.3509</b>	AKZ3750/9-5.08
10	51.70	50	<b>38.3510</b>	AKZ3750/10-5.08
11	56.70	50	<b>38.3511</b>	AKZ3750/11-5.08
12	61.70	50	<b>38.3512</b>	AKZ3750/12-5.08

### Material Specifications

Tension Spring	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

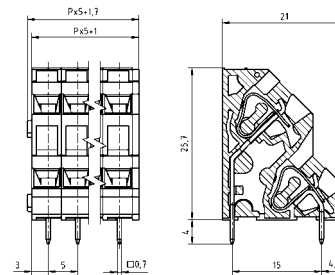
### Installation Data

Stripping Length	6mm
PCB Hole Size	1.3mm

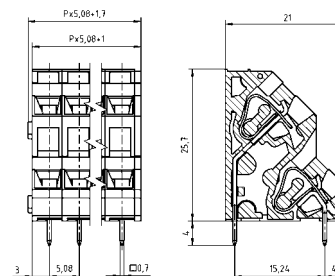
### Other Colors Available

Light GRAY, RAL 7042

### Dimensions 5.00 (mm)



### Dimensions 5.08 (mm)



PUSH-IN

PCB POWER TERMINALS  
PUSH-IN

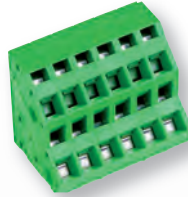
TENSION SPRING

PLUGGABLE  
PUSH-IN

# PCB Tension Spring Terminal

## 5.00 / 5.08 mm Pin Spacing

- Double Level
- 45° Wire Entry
- Tension Spring Technology
- Standard Color: Green



**AK3750/xxVP-5.0**  
**AKZ3750/xxVP-5.08**

PUSH-IN  
PCB POWER TERMINALS  
PUSH-IN

TENSION SPRING

PLUGGABLE  
PUSH-IN

### Electrical Ratings

Usergroup	cULus E178356			IEC VDE	
	B	C	D	-	
Rated Voltage	300V	-	300V	250V	
Rated Current	16A	-	10A	12A	
Wire Size	<i>solid</i> 28-14AWG	-	28-14AWG	0.5mm <sup>2</sup> -2.5mm <sup>2</sup>	
	<i>stranded</i> 28-14AWG	-	28-14AWG	0.5mm <sup>2</sup> -2.5mm <sup>2</sup>	

### Ordering Information (5.00 mm Spacing)

Poles	Length	Std. Pack	Order #	Type #
1	6.70	100	<b>38.3201</b>	AK3750/1VP-5.00
2	11.70	100	<b>38.3202</b>	AK3750/2VP-5.00
3	16.70	100	<b>38.3203</b>	AK3750/3VP-5.00
4	21.70	50	<b>38.3204</b>	AK3750/4VP-5.00
5	26.70	50	<b>38.3205</b>	AK3750/5VP-5.00
6	31.70	50	<b>38.3206</b>	AK3750/6VP-5.00
7	36.70	50	<b>38.3207</b>	AK3750/7VP-5.00
8	41.70	50	<b>38.3208</b>	AK3750/8VP-5.00
9	46.70	50	<b>38.3209</b>	AK3750/9VP-5.00
10	51.70	50	<b>38.3210</b>	AK3750/10VP-5.00
11	56.70	50	<b>38.3211</b>	AK3750/11VP-5.00
12	61.70	50	<b>38.3212</b>	AK3750/12VP-5.00

### Ordering Information (5.08 mm Spacing)

Poles	Length	Std. Pack	Order #	Type #
1	6.70	100	<b>38.3601</b>	AKZ3750/1VP-5.08
2	11.70	100	<b>38.3602</b>	AKZ3750/2VP-5.08
3	16.70	100	<b>38.3603</b>	AKZ3750/3VP-5.08
4	21.70	50	<b>38.3604</b>	AKZ3750/4VP-5.08
5	26.70	50	<b>38.3605</b>	AKZ3750/5VP-5.08
6	31.70	50	<b>38.3606</b>	AKZ3750/6VP-5.08
7	36.70	50	<b>38.3607</b>	AKZ3750/7VP-5.08
8	41.70	50	<b>38.3608</b>	AKZ3750/8VP-5.08
9	46.70	50	<b>38.3609</b>	AKZ3750/9VP-5.08
10	51.70	50	<b>38.3610</b>	AKZ3750/10VP-5.08
11	56.70	50	<b>38.3611</b>	AKZ3750/11VP-5.08
12	61.70	50	<b>38.3612</b>	AKZ3750/12VP-5.08

### Material Specifications

Tension Spring	Stainless Steel
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Insulating Material	PA 6.6
Flammability Class	UL94V-0
Operating Temperature	-30°C - +105°C

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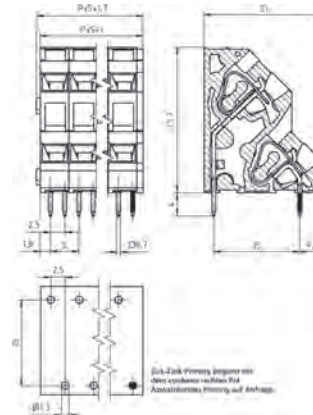
### Installation Data

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### Other Colors Available

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### Dimensions 5.00 (mm)



### Dimensions 5.08 (mm)

