

AST045

Spring clamp terminal block, solderable, centerline 5 mm / 0.197 inches, wire entry 45°, double solder pins

Technical Data

UL V / A / AWG 300 / 13 / 28 - 14

Ⓢ 0.08 - 1 mm² 250 V / 4 kV / 12 A

Insulation co-ordination according to EN 60664-1

Clearance and creepage distances min. 4 mm

Insulating material class CTI 400

Overvoltage category III III II

Pollution degree 3 2 2

Rated voltage 250 500 500

Rated test voltage 2.5 4 2.5

Protection category according to IEC 529 IP20

Min. insul. strip length 6 mm

Solder pin dimension 2 x 1.0 x 0.8 mm

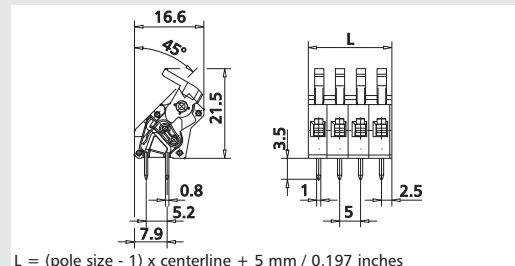
Recommended pc board hole dia. Ø 1.4 mm

Solder pin length 3.5 mm

Pole size 2 - 24

Color grey

Dimensions in mm 1 mm = 0.0394 in.



$L = (\text{pole size} - 1) \times \text{centerline} + 5 \text{ mm} / 0.197 \text{ inches}$

Part numbers (P/N)

(information: page 16)

Complete the part number by adding the pole size.

AST045

centerline 5 mm / 0.197 inches

P/N AST045

	02	03	04	05	06	07	08
	09	10	11	12	13	14	15
	17	18	19	20	21	22	23
	24						

Standard pole sizes

Available on demand. Minimum order quantity 5000 pieces per item.

AST135

Spring clamp terminal block, solderable, centerline 5 mm / 0.197 inches, wire entry 45°

Technical Data

UL V / A / AWG 300 / 15 / 28 - 12

0.08 - 2.5 mm² 450 V / 4 kV / 19 A

Insulation co-ordination according to EN 60664-1

Clearance and creepage distances min. 4 mm

Insulating material class CTI 600

Overvoltage category III III II

Pollution degree 3 2 2

Rated voltage 320 800 800

Rated test voltage 4 6 4

Protection category according to IEC 529 IP20

Min. insul. strip length 6 mm

Solder pin dimension 0.8 x 1.0 mm

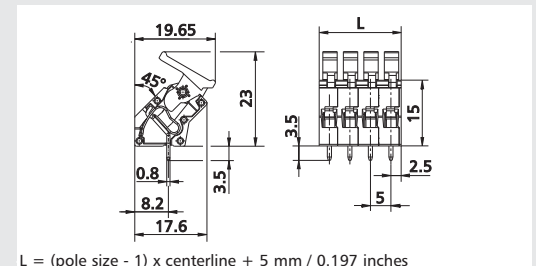
Recommended pc board hole dia. Ø 1.4 mm

Solder pin length 3.5 mm

Pole size 2 - 24

Color grey

Dimensions in mm 1 mm = 0.0394 in.



$L = (\text{pole size} - 1) \times \text{centerline} + 5 \text{ mm} / 0.197 \text{ inches}$

Part numbers (P/N)

(information: page 16)

Complete the part number by adding the pole size.

AST135

centerline 5 mm / 0.197 inches

P/N AST135

	02	03	04	05	06	07	08
	09	10	11	12	13	14	15
	17	18	19	20	21	22	23
	24						

AST139

centerline 10 mm / 0.394 inches

P/N AST139

	02	03	04	05	06	07	08
	09	10	11	12			

* approval pending

Standard pole sizes

Available on demand. Minimum order quantity 5000 pieces per item.