

AST105

Spring clamp terminal block, solderable, centerline 5 mm / 0.197 inches, vertical wire entry, two contacts per pole, double solder pins

Technical Data

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

Ⓢ 0.08 - 2.5 mm² 320 V / 4 kV / 16 A

Insulation co-ordination according to EN 60664-1

Clearance and creepage distances min. 4.5 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 15 mm

Solder pin dimension 2 x 0.5 x 1.0 mm

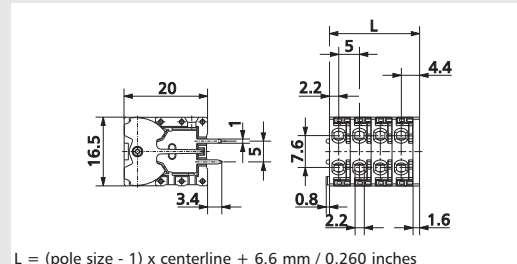
Recommended pc board hole dia. Ø 1.4 mm

Solder pin length 3.4 mm

Pole size 2 - 24

Color grey

Dimensions in mm 1 mm = 0.0394 in.



L = (pole size - 1) x centerline + 6.6 mm / 0.260 inches

Part numbers (P/N)

(information: page 16)

Complete the part number by adding the pole size.

AST105

centerline 5 mm / 0.197 inches

P/N AST105

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

AST125

Spring clamp terminal block, solderable, centerline 5 mm / 0.197 inches, vertical wire entry, two contacts per pole, double solder pins

Technical Data

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

Ⓢ 0.08 - 2.5 mm² 450 V / 4 kV / 15 A

Insulation co-ordination according to EN 60664-1

Clearance and creepage distances min. 4.5 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 15 mm

Solder pin dimension 2 x 0.5 x 1.0 mm

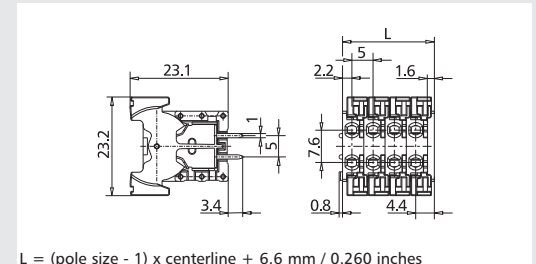
Recommended pc board hole dia. Ø 1.4 mm

Solder pin length 3.4 mm

Pole size 2 - 24

Color grey

Dimensions in mm 1 mm = 0.0394 in.



L = (pole size - 1) x centerline + 6.6 mm / 0.260 inches

Part numbers (P/N)

(information: page 16)

Complete the part number by adding the pole size.

AST125

centerline 5 mm / 0.197 inches

P/N AST125

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

* approval pending