



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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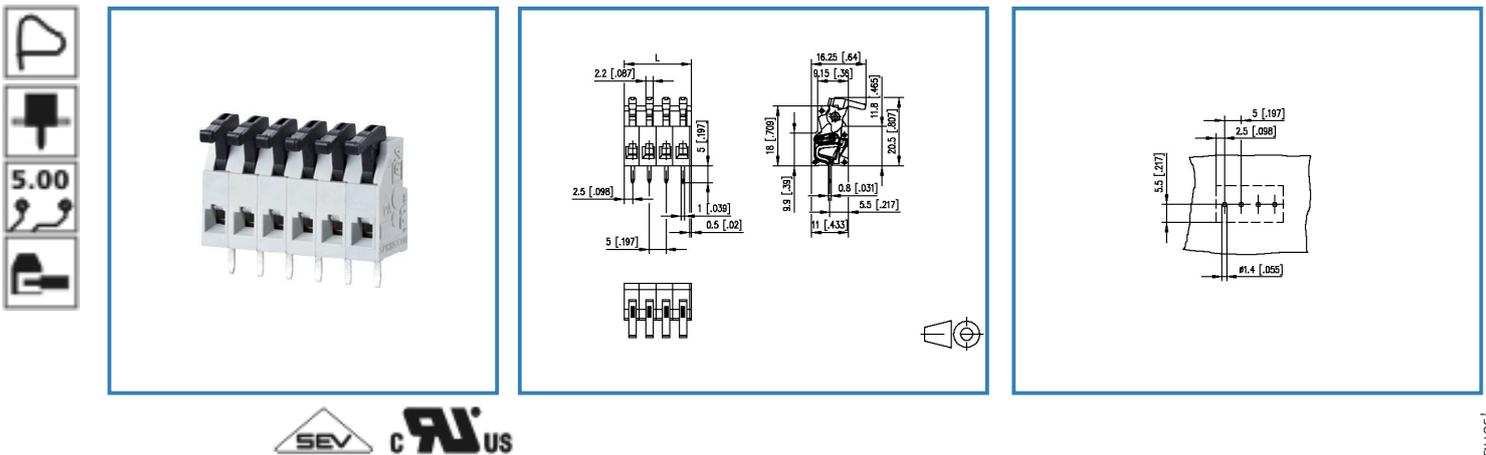
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Data Sheet

ST025xxHDNC

Illustration



see enlarged drawing at the end of the document

Product specification

- spring clamp terminal block, solderable
- centerline 5.00 mm, direction of connection 90°
- fittable without loss of poles
- color gray
- eccentric lever

Data Sheet

ST025xxHDNC

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P/N

AST025xx

xx=number of poles

2017/05/05

Technical Data

General Data

| | | | |
|---------------------------|---------|---------|---------|
| Solder pin length | 5 mm | | |
| min. number of poles | 2 | | |
| max. number of poles | 24 | | |
| Insulating material class | CTI 400 | | |
| clearance/creepage dist. | 4 mm | | |
| protection category | IP 20 | | |
| Overvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Rated voltage | 32.0 V | 200.0 V | 200.0 V |
| Rated test voltage | 1.5 kV | 1.5 kV | 1.5 kV |
| Min. insul. strip length | 6 mm | | |

Connection data

| | | | |
|----------------------------|---|--|--|
| Rated wiring solid wire | 0.2 - 2.0 mm ² / AWG 28 - 14 | | |
| Rated wiring stranded wire | 0.2 - 2.0 mm ² / AWG 28 - 14 | | |

Approvals

| | | | |
|--|----------------------|--|--|
|  V / A / AWG | 300 / 13 / 28 - 14 | | |
|  1 mm ² | 250 V / 13.5 A / T60 | | |

Material

| | |
|-----------------------------|--------------|
| insulating material | PA46 |
| flammability class | V0 |
| spring material | Spring steel |
| contact material | CuZn |
| Glow-Wire Flammability GWFI | - |
| Glow-Wire Flammability GWIT | - |
| contact surface | Ni + Sn |

Climatic properties

| | |
|-------------------------|--------|
| upper limit temperature | 105 °C |
|-------------------------|--------|



Data Sheet

ST025xxHDNC

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P/N

AST025xx

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2017/05/05

lower limit temperature -40 °C

General

| | |
|---------------|-------------------------------------|
| solderability | Acc. to JEDEC JESD22-B102E 245°C/5s |
| Tolerance | ISO 2768 -mH |

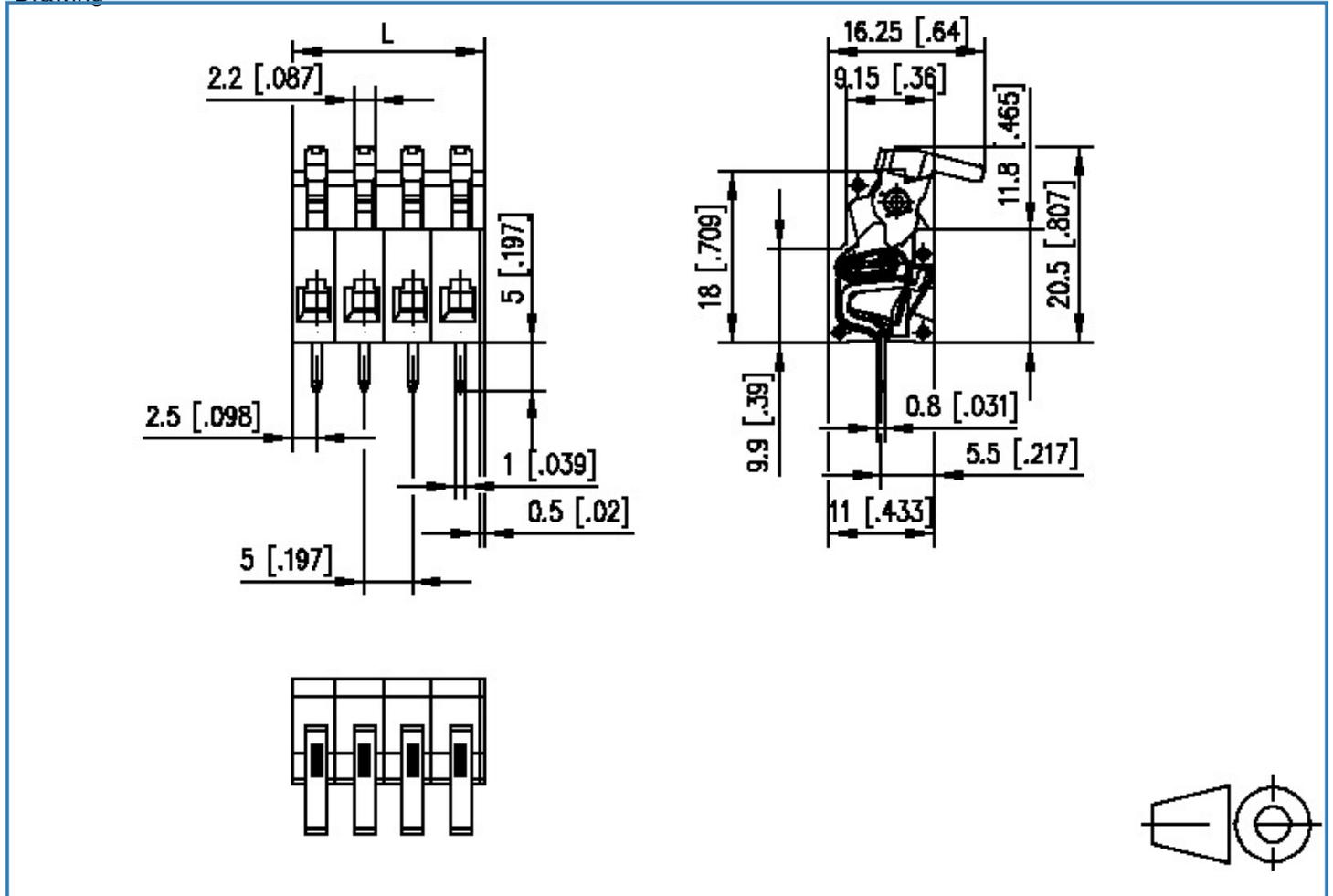


Data Sheet

ST025xxHDNC

Illustration

Drawing



$$L = (\text{pole size} - 1) \times \text{centerline} + 5 [0.197]$$



Data Sheet
ST025xxHDNC

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P/N

AST025xx

xx=number of poles

2017/05/05

PCB Layout

