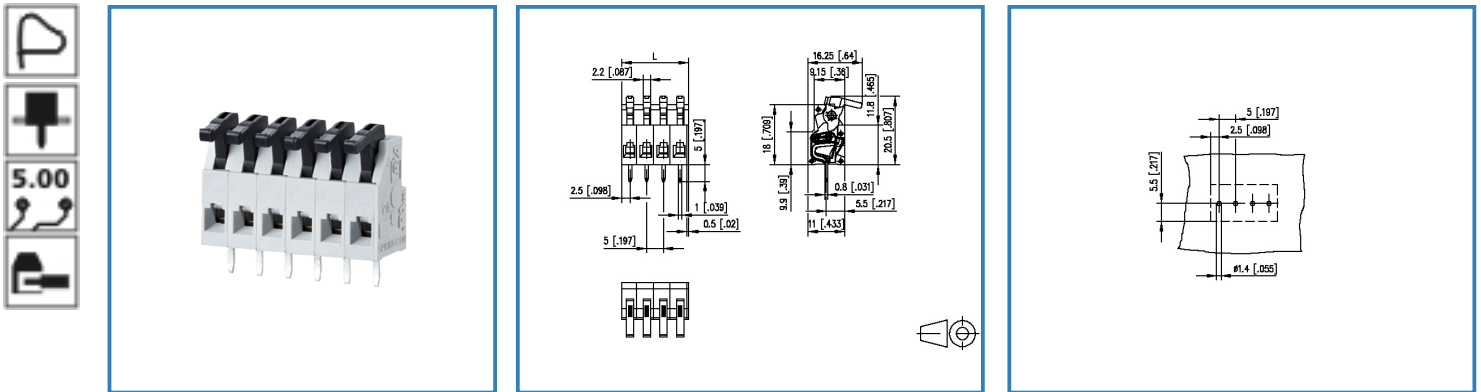


Data Sheet

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

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 |
|-------------------------|--------|

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Data Sheet

ST025xxHDNC

Page 3/5

P/N

AST025xx

xx=number of poles

2017/05/05

lower limit temperature -40 °C

General

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

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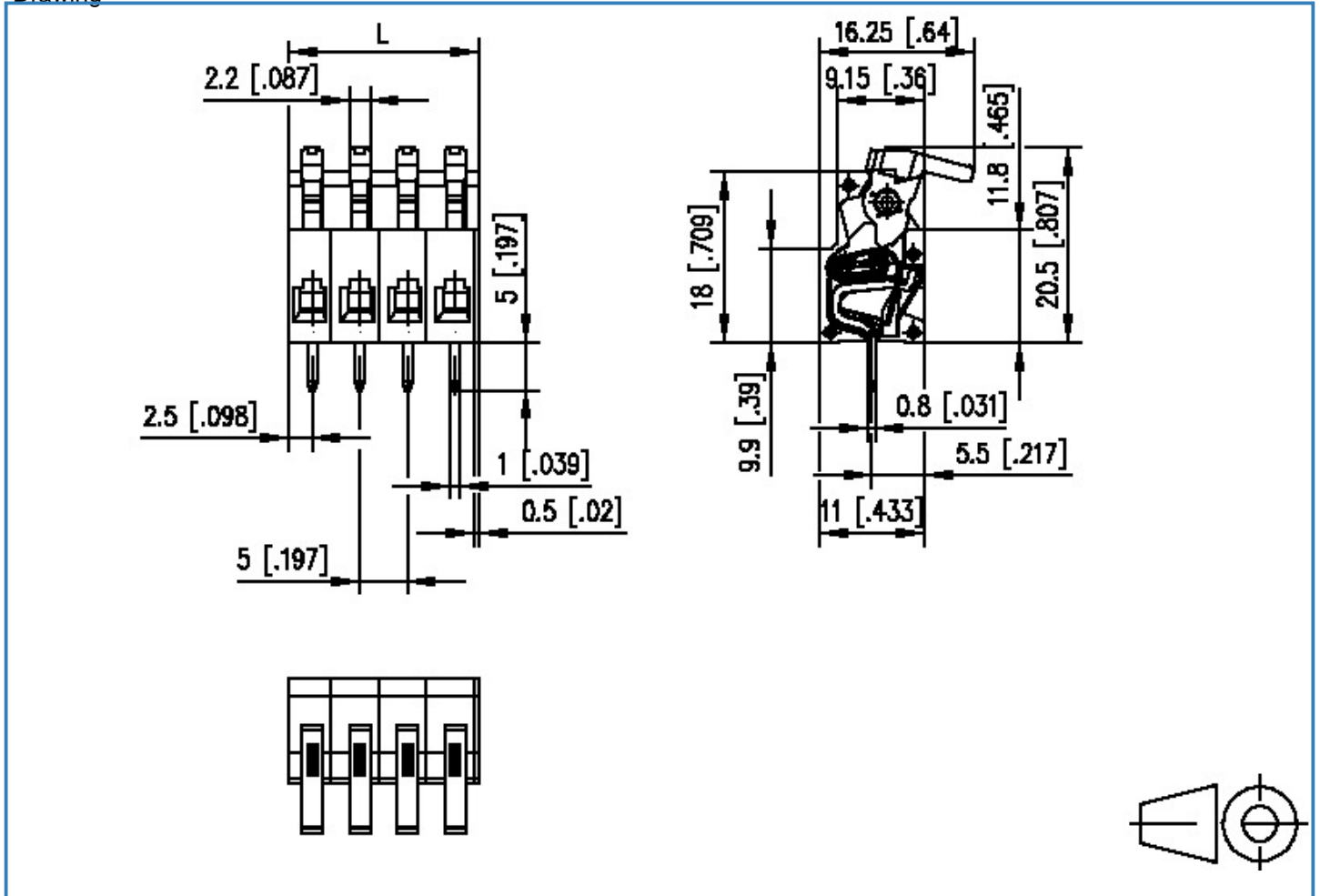


Data Sheet

ST025xxHDNC

Illustration

Drawing



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



Data Sheet

ST025xxHDNC

Page 5/5

P/N

AST025xx

xx=number of poles

2017/05/05

PCB Layout

