

# Data Sheet

## ST072xxHGNN

(AST072)

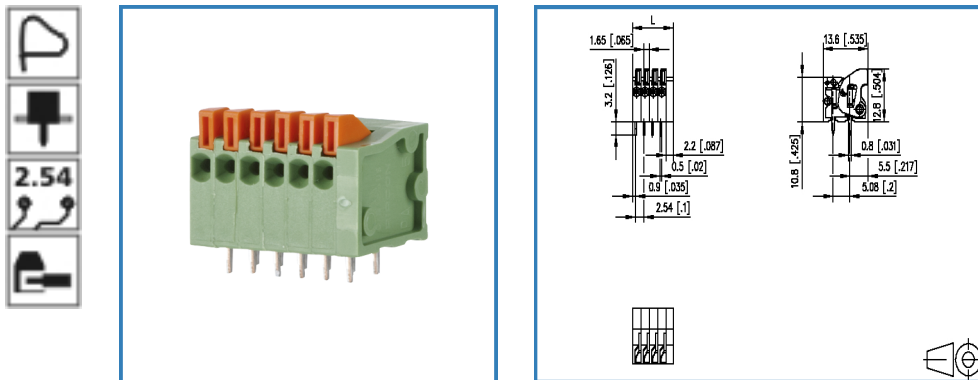
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Order Number

AST072xx

xx=number of poles

### Illustration



see enlarged drawing at the end of the document

### Product specification

- spring clamp terminal block, solderable
- centerline 2.54 mm, connection of connection 90°
- color green
- push-button

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### Technical Data

#### General Data

|                           |         |       |        |
|---------------------------|---------|-------|--------|
| Solder pin length         | 3.2 mm  |       |        |
| min. number of positions  | 2       |       |        |
| max. number of positions  | 24      |       |        |
| Insulating material class | CTI 600 |       |        |
| clearance/creepage dist.  | 2 mm    |       |        |
| protection category       | IP 20   |       |        |
| Overvoltage category      | III     | III   | II     |
| Pollution degree          | 3       | 2     | 2      |
| Rated voltage             | 160 V   | 400 V | 400 V  |
| Stossspannung             | 2.5 kV  | 4 kV  | 2.5 kV |

#### Connection data

|                                                |                                                          |
|------------------------------------------------|----------------------------------------------------------|
| rat. wiring solid AWG/mm <sup>2</sup> min-max  | AWG 26/0.13 mm <sup>2</sup> - AWG 20/0.5 mm <sup>2</sup> |
| rat. wiring strand AWG/mm <sup>2</sup> min-max | AWG 26/0.13 mm <sup>2</sup> - AWG 20/0.5 mm <sup>2</sup> |

#### Material

|                     |      |
|---------------------|------|
| insulating material | PA66 |
| flammability class  | V0   |

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**Climatic properties**

|                         |        |
|-------------------------|--------|
| upper limit temperature | 105 °C |
| lower limit temperature | -40 °C |

**General**

|               |                                                                  |
|---------------|------------------------------------------------------------------|
| solderability | THR acc. to IPC/JEDEC J-STD-020D-MSL 1   THT max. 260°C / 10sec. |
| tolerance     | ISO 2768 -mH                                                     |

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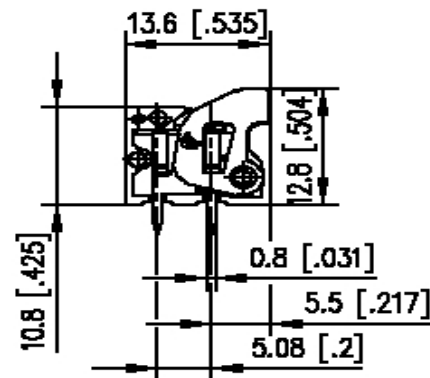
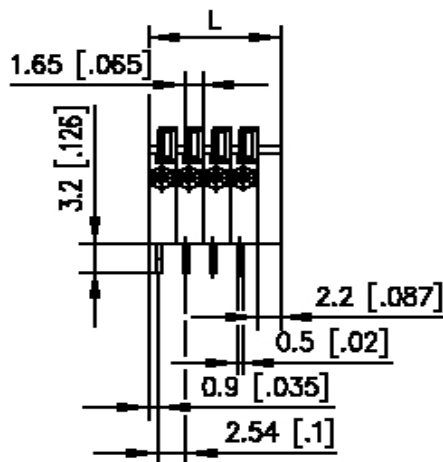
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### Illustration

Drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 4.74 [0.187]$