

Data Sheet

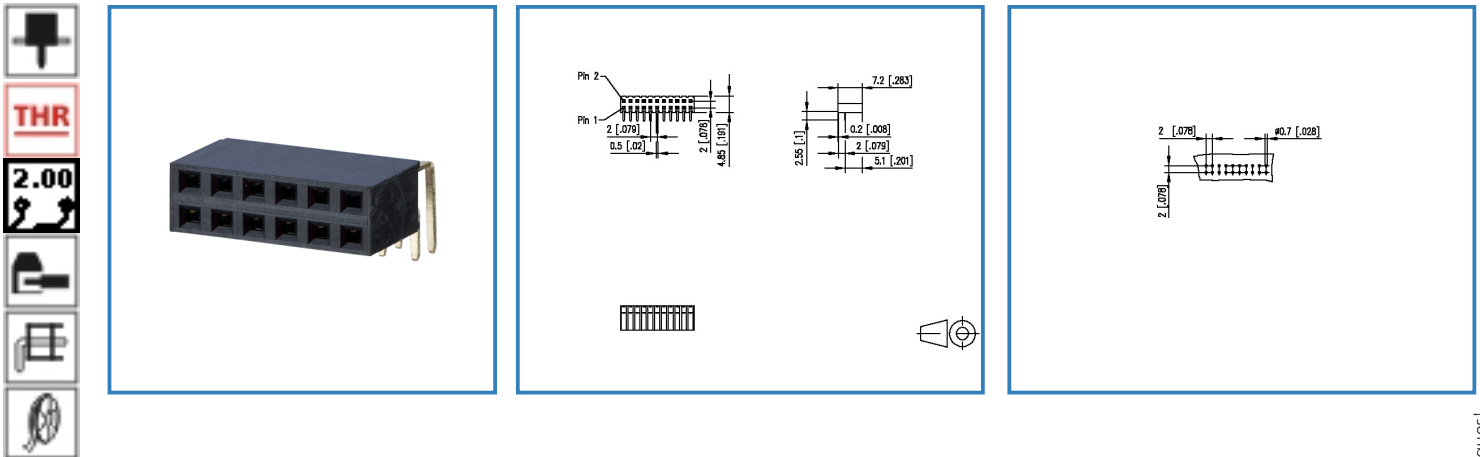
FR20CxxHBDN

FR20CxxHBDN

xx=number of poles

2017/05/05

Illustration



see enlarged drawing at the end of the document

Product specification

- female connector, THR solderable
- centerline 2.00 mm, direction of connection 90°
- closed ends
- color black
- Tape & Reel packaging
- single row

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Technical Data

General Data

| | |
|--------------------------|---------|
| Solder pin length | 3.0 mm |
| min. number of poles | 2 |
| max. number of poles | 40 |
| clearance/creepage dist. | 0.65 mm |
| protection category | IP 00 |

Approvals

| | |
|---------------|-----|
| Rated current | 1 A |
|---------------|-----|

Material

| | |
|-----------------------------|---------------|
| insulating material | PE-HT |
| Glow-Wire Flammability GWFI | - |
| Glow-Wire Flammability GWIT | - |
| contact pin material | CuSn |
| contact pin surface | Ni + Au Flash |

Climatic properties

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

General

| | |
|---------------|------------------------------------|
| solderability | Acc. to IPC/JEDEC J-STD-020D-MSL 1 |
| Tolerance | ISO 2768 -mH |



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P/N

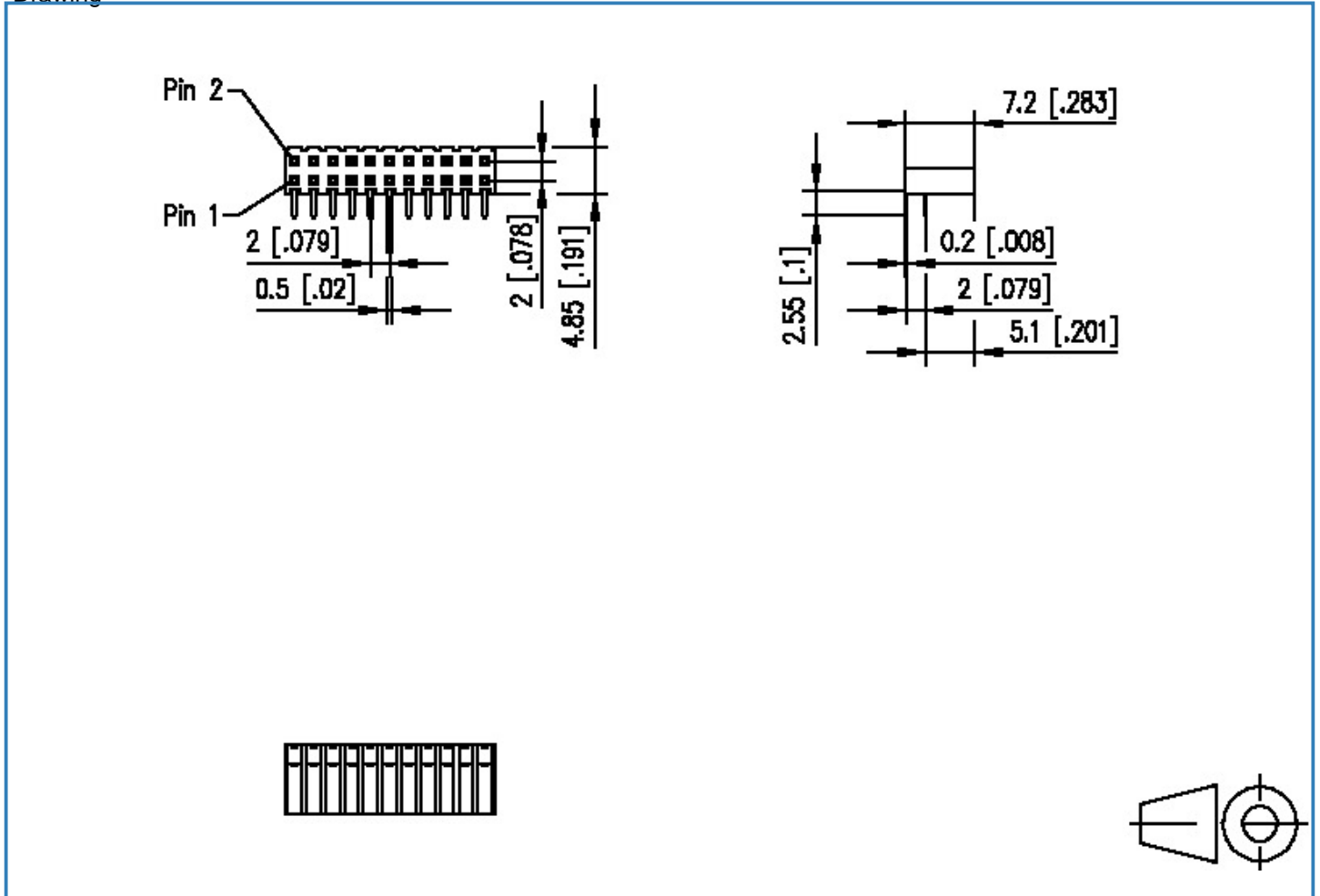
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Illustration

Drawing



$$L = (\text{pole size} - 1) \times \text{centerline} + 2.0 [0.079]$$



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P/N

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PCB Layout

