

# Data Sheet

## FM20CxxVBNN

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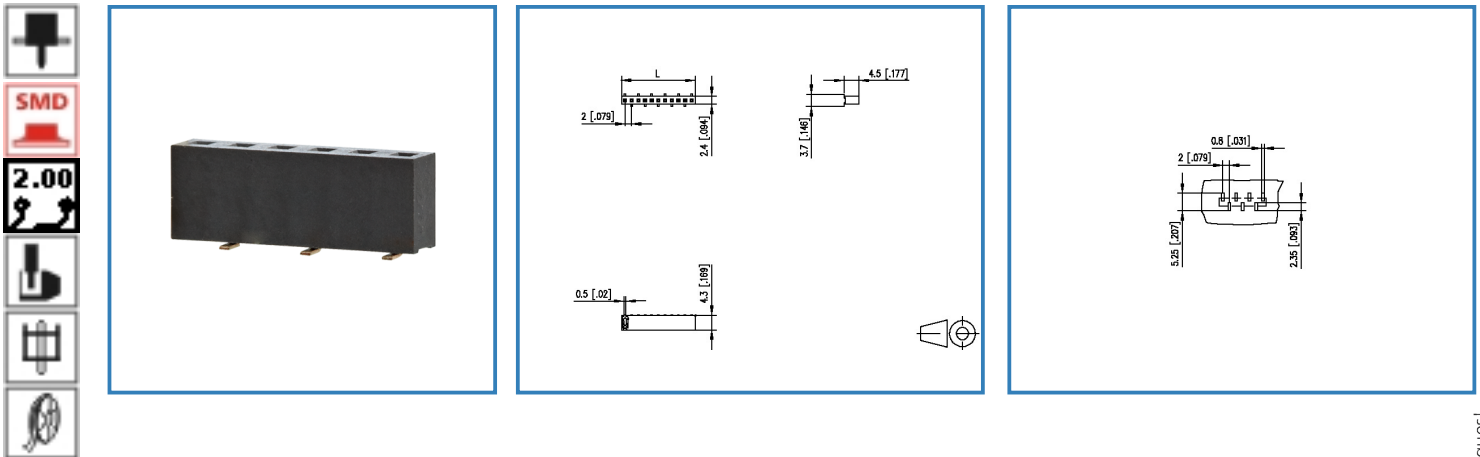
P/N

FM20CxxVBNN

xx=number of poles

2017/03/02

### Illustration



see enlarged drawing at the end of the document

### Product specification

- female connector, SMT solderable
- centerline 2.00 mm, direction of connection vertical 0°
- closed ends
- color black
- Tape & Reel packaging
- single row

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P/N

FM20CxxVBNN

xx=number of poles

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### Technical Data

#### General Data

min. number of poles	2
max. number of poles	40
Insulating material class	CTI 450
clearance/creepage dist.	0.65 mm
protection category	IP 00

#### Approvals

Rated current	1 A
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#### Material

insulating material	PA6
contact material	CuSn
Glow-Wire Flammability GWFI	-
Glow-Wire Flammability GWIT	-
contact surface	Ni + Ag
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

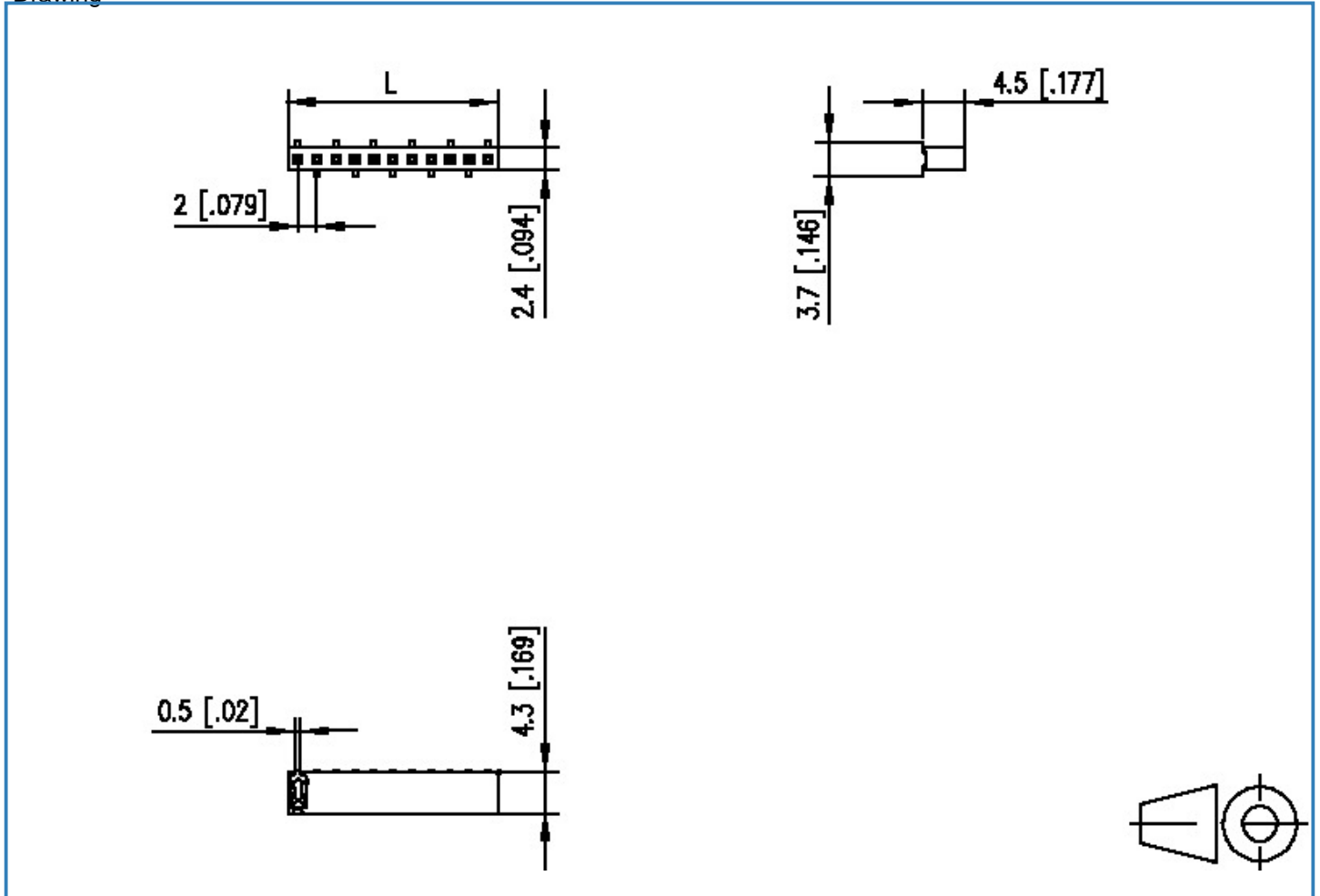


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### Illustration

#### Drawing



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



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### PCB Layout

