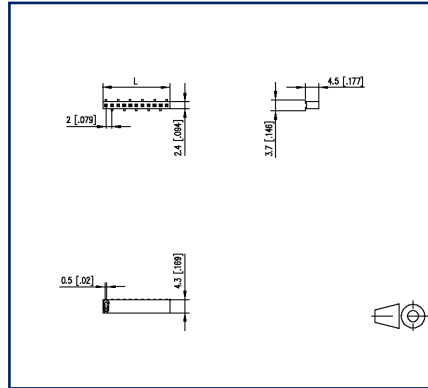


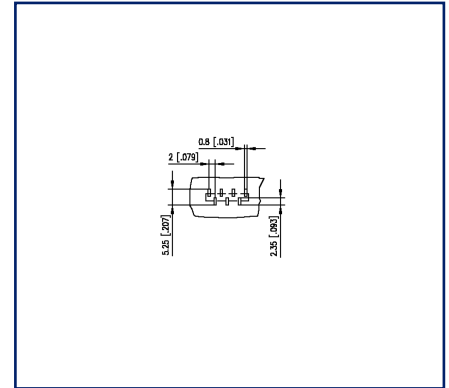
## Illustrations



Dimensional drawing



PCB-Layout



See enlarged drawings at the end of document

## Product specification

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

## 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	IP00
Rated current	1 A

### Material

insulating material	PA6
contact material	CuSn
Contact surface	Ni + Ag
contact pin material	CuSn
contact pin surface	Ni + Au Flash
Glow-Wire Flammability GWFI	-
Glow-Wire Flammability GWIT	-

### Climatic Data

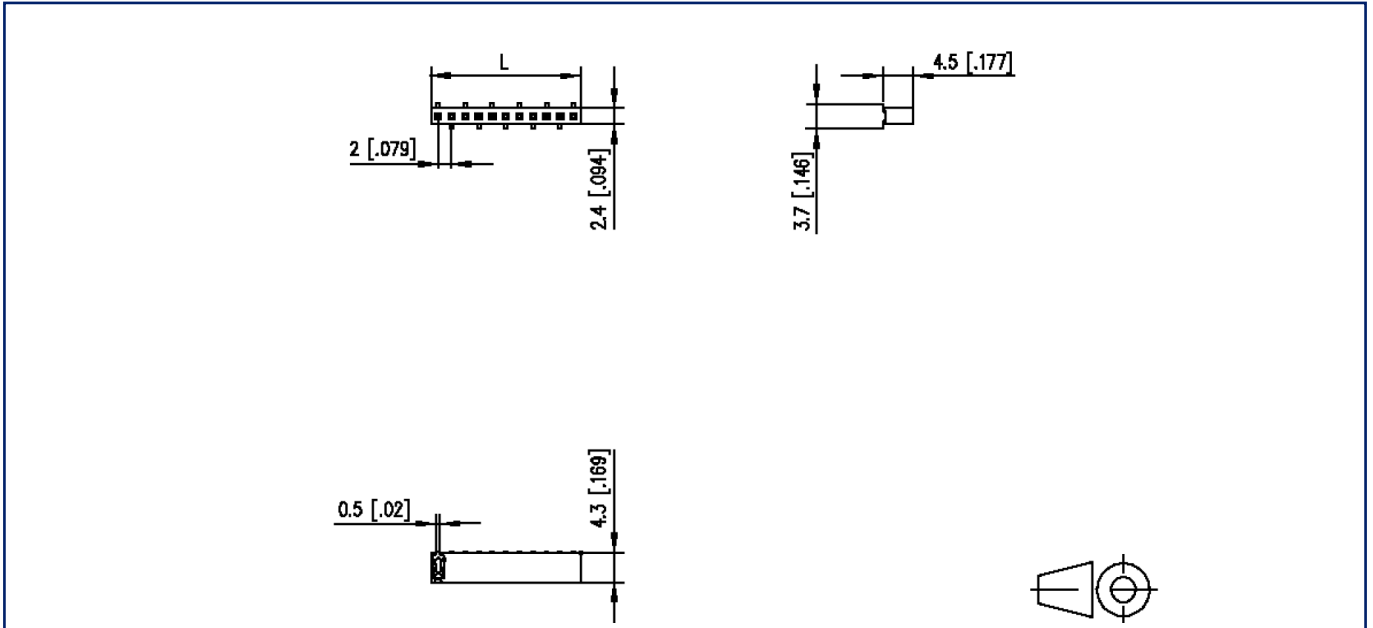
upper limit temperature	105 °C
lower limit temperature	-40 °C

### general

Tolerance	ISO 2768 -mH
Solderability	reflowable

## Illustrations

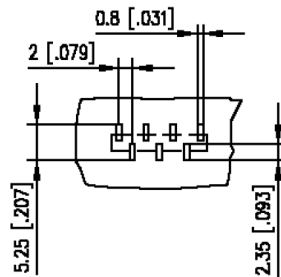
Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 2 \text{ mm } [0.079]$

**Illustrations**

PCB-Layout



# U | Contact

Data sheet  
**FM20CxxVBNN**

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P/N  
**FM20CXXVBNN**  
xx=number of poles  
2023/07/03  
Version: T

## Illustrations

