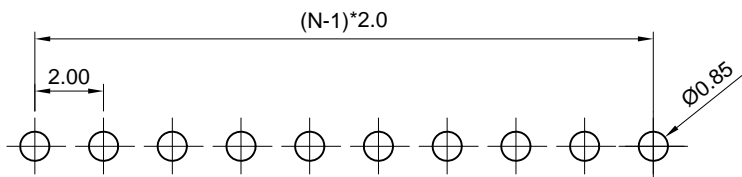


N=Number of contacts



Recommended PCB Layout

Notes:

1. Electrical Characteristics:

- 1.1 Contact Resistance: 20mΩ Max
- 1.2 Dielectric Withstanding Voltage: 600V AC(rms) for 1 Minute
- 1.3 Insulation Resistance: 1000mΩ Min
- 1.4 Current Rating: 1.5A
- 1.5 Voltage Rating: 250V AC rms

2. Environment Characteristics:

- 2.1 Temperature: -40°C ~ +105°C

3. Materials:

- 3.1 Contact Materials: Copper Alloy
- 3.2 Contact Plating: Tin or Gold plate
- 3.3 Insulator Materials: PBT, Black, UL94V-0 or High temperature Materials like PA46/PA6T/PA9T

How to Order:

SM C02 6100 AR, A=YY (PA46)

Standard Insulator Material: PBT (No Mark)
Customer Request: PA46 / PA6T / PA9T ...

Standard Size: A=4.0, B=3.0 (No Mark)
Customer request: A= ? B=?

For Example: Standard size SM C02 6100 XX AR (A=4.0, B=3.0mm) PBT
Customer Request SM C02 6100 XX AR A =2.0, B=2.0) (PA6T)

SCHMID-M

GENERAL TOLERANCE

| | |
|--------------|-------------|
| X.* ± 5.0° | X. ± 0.30 |
| .X* ± 3.0° | .X ± 0.25 |
| .XX* ± 2.0° | .XX ± 0.15 |
| .XXX* ± 1.0° | .XXX ± 0.10 |

DESIGN: Walter

DATE: 2020.02.28

DWG. NO.: SM C02 6100 XX AR

TITLE:

CHECK: Vanda

DATE: 2020.03.02

PART NO.:

2.00mm Pin header, Single Row, R/A type

AUDIT: Visner

DATE: 2020.03.02

SM C02 6100 XX AR, A=Y

APPROVE: Visner

DATE: 2020.03.02

| | | | | |
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