



RECOMMENDED P.C.B 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: 2A
- 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: Gold Flash
- 3. 3 Insulator Materials: PBT, Black, UL94V-0
or High temperature Materials like PA46/PA6T/PA9T

How to Order:

SM C02 1170 XX AS (A E C) - Y

Series

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

A Size : Customer request
E Size : Customer request
C Size : Customer request
H Size: 1,0 / 1,7 / 2,0 / 2,5

Single Row, Straight

Poles from 01 to 40

For Example: SM C02 1170 05 AS (A3,0 E4,0 C7,0)-PA46
Single Row, 5Poles, Plastic Height 2,0mm,
material PA46

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:

CHECK:

AUDIT:

APPROVE:

DATE: 2020.02.28

DATE: 2020.03.02

DATE: 2020.03.02

DATE: 2020.03.02

DWG. NO.:

PART NO.:

SM C02 1170 XX AS (A E C)-Y

TITLE:

1.27mm Pin header, Single Row, Straight

| | | | |
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| REV.: 01 | UNIT.: mm | SCALE.: 1:1 | PAGE.: 1/1 |
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