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|-----|-----|-----|
| 零件图 | 成品图 | 客户图 |
| | | ○ |

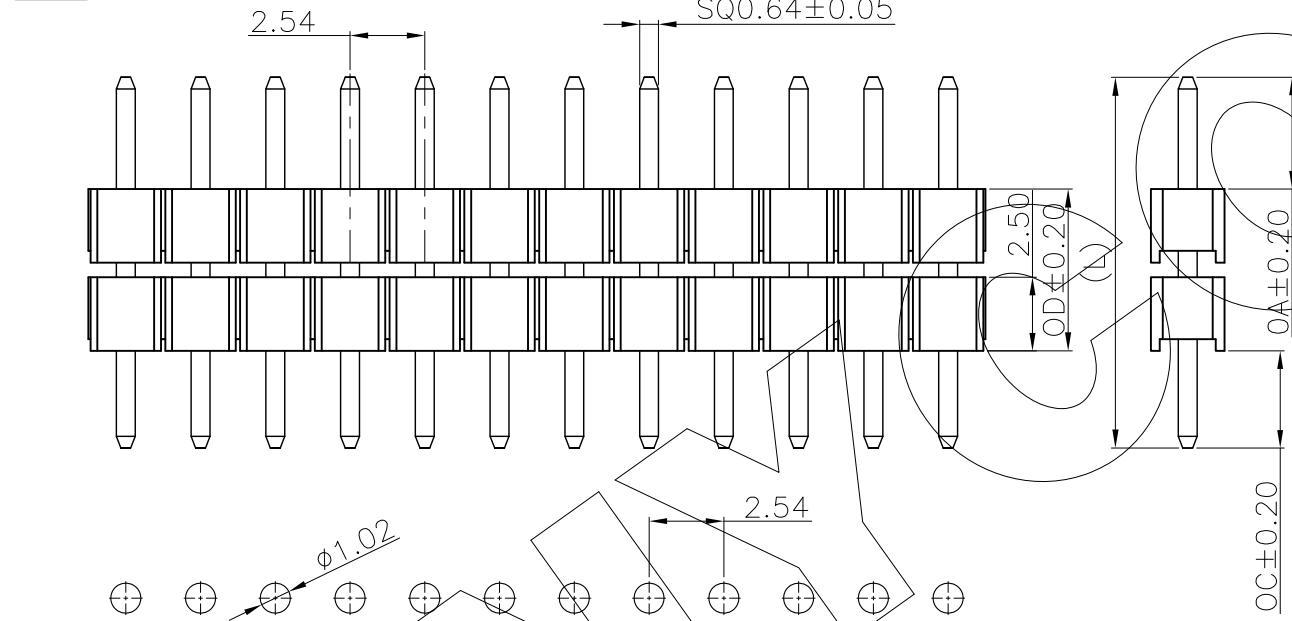
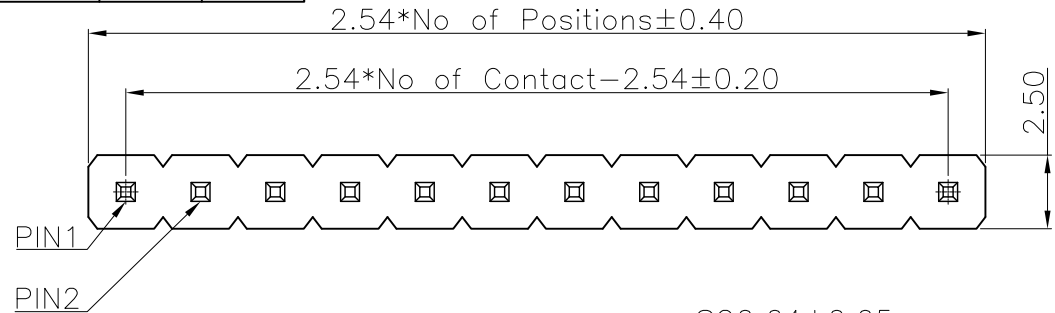
| REVISION DATA | | | | |
|---------------|---------|-------------|------|------------|
| REV | ECN No. | DESCRIPTION | NAME | DATE |
| A0 | | NEW DRAWING | JIN | 2020-09-09 |

Technical Data

Material:
 Contact Material: Copper alloy
 Contact plating: Au or Sn Over Ni
 Insulator Material: See the table, UL94 V-0

Electrical:
 Rating current: 3Amps/contact max.
 Rating voltage : 250 V AC/DC
 Contact resistance: $\leq 20\text{m}\Omega/\text{contact}$
 Insulation resistance: $\geq 1000\text{M}\Omega$
 Withstanding Voltage: 1000V AC/minute

Mechanical:
 Operating temperatures: Gold Plated: -55°C to $+105^{\circ}\text{C}$
 Tin plated: -40°C to $+105^{\circ}\text{C}$
 Soldering temperature: $+260^{\circ}\text{C}$, 10S max (PA6T/PA9T/LCP)
 $+220^{\circ}\text{C}$, 10S max (PBT).



| | OA | OC | OD | L |
|------|-------|------|-------|-------|
| DIM. | 3.00 | 2.30 | 5.00 | 10.30 |
| | 5.50 | 2.80 | 6.00 | 14.30 |
| | 8.00 | 3.00 | 7.50 | 18.50 |
| | 12.00 | 3.20 | 10.50 | 25.70 |

OA, OC and OD can be customized by customers

Recommended P.C.B Layout
 General Tolerance ± 0.05

| | | | | | | | | |
|------------------------------------|--|-------------------------------|--|-----------------------------|--|--|----------|---------------------------|
| P120 | 21 | XXX | XX | D | X | X | N | DXXX |
| Product Descriptions P120 H=2.5 | Product Type 21 Single row Dual Base | No. of Positions XXX Poles | Pin Plating G0 Gold Flash G1 1u" Au G6 Au10u" S1 Sn+Au1u" S7 Sn+Au15u" S8 Sn+Au30u" T3 Matte Sn | Angle options D Straight | Insulator Material A PBT+G/F 30% B PA66+G/F 30% C PA6T+G/F 30% D LCP+G/F 30% | Color B Black W White L Blue G Green Y Yellow R Red N Natural | | Pin length(mm) L=XXXmm |

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DONGGUAN ENKANG ELECTRONICS TECHNOLOGY CO.,LTD

| | | |
|-----------------------|-------------------|--|
| TOLERANCE | DATE : 2020-09-09 | TITLE: 2.54mm Pin Header Single Row Straight LengthXXXmm |
| ANGLE $\pm 5^{\circ}$ | DRAWN : JIN | PART NO: P12021XXXXDXXNDXXX |
| X.XXX ± 0.15 | CHECKED : | |
| X.XX ± 0.25 | APPROVED : | |
| X.X ± 0.40 | PROJECTON | REV: A0 |
| X. ± 0.50 | | UNIT: mm |
| | | SCALE: 1:1 |
| | | SIZE: A4 |
| | | PAGE: 1/1 |