

| SIGN | DATE | DESCRIPTION | APPROVER |
|---|------------|--|----------|
| △ | 2015.06.03 | 60 & 64 circuit standardized to 1 slot/key | Jimmy |
| <i>THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!</i> | | | |

| Pos. | Dimension | | |
|------|-----------|-------|-------|
| | A | B | C |
| 06 | 15.20 | 12.80 | 5.08 |
| 08 | 17.78 | 15.48 | 7.62 |
| 10 | 20.30 | 18.10 | 10.16 |
| 12 | 22.84 | 20.64 | 12.70 |
| 14 | 25.38 | 23.18 | 15.24 |
| 16 | 27.92 | 25.72 | 17.78 |
| 20 | 33.00 | 30.80 | 22.86 |
| 24 | 38.08 | 35.88 | 27.94 |
| 26 | 40.62 | 38.72 | 30.48 |
| 30 | 45.70 | 43.50 | 35.56 |
| 34 | 50.80 | 48.58 | 40.64 |
| 40 | 58.40 | 56.20 | 48.26 |
| 44 | 63.48 | 61.28 | 53.34 |
| 50 | 71.12 | 68.90 | 60.96 |
| 60 | 83.80 | 81.60 | 73.66 |
| 64 | 88.88 | 86.68 | 78.74 |

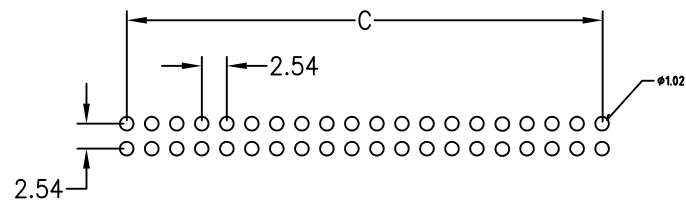
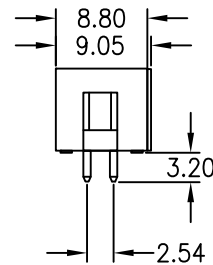
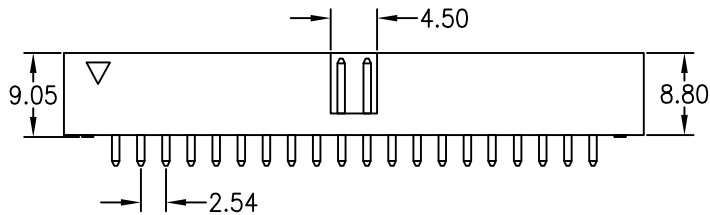
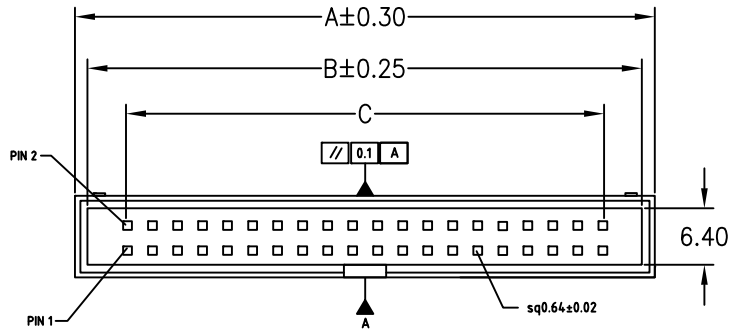
Material

- Insulator: PBT
- Flammability: UL94V-0
- Color: Black
- Contacts: Brass
- Plating termination: Gold Flash
contact OST for other plating availability, may require MOQ

Ratings

- Current: 3A
- Contact Resistance: <20mΩ at DC 100mA
- Insulation Resistance: >5,000MΩ at DC 500V
- Dielectric Withstanding Voltage: 500V for one minute
- Operating Temperature: -40°C ±105°C
- Solderability: 180°C for 3~5 seconds
- Durability: 500 mating cycles

RoHS Compliant



Recommended P.C.B Layout

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PART NUMBER:

302-SXX1

Number of circuits

Dim. D

3.20 - leave blank (standard)
2.80 - add 2.8 to end of p/n
may require MOQ



| TITLE | | 302 Series - 2.54mm Dual Row Vertical Box Header | | | | | |
|----------|----------------------|--|----------------------|--------------|--------|--------------|------------|
| PART NO. | | 302-SXX1 | | DWG NO. | | 302-SXX1.DWG | |
| APPROVED | | CHECKED | DESIGNED | DRAWN | | 1200 | |
| | | Tolerance | | | | | |
| | Marvin 2009.02.26 | Marvin 2009.02.26 | Marvin 2009.02.26 | | | UNIT: mm | X.X ±0.20 |
| | | | | | | SCALE: NONE | X.XX ±0.10 |
| | | | | SHEET: 01/01 | REV: C | | |