

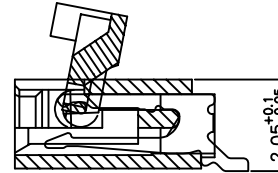
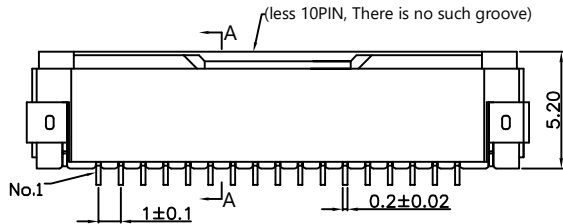
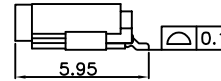
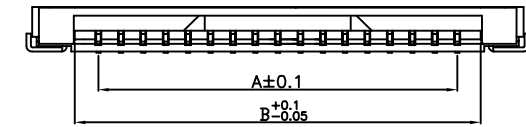
RoHS

SPECIFICATION:

- Rated Current: 1.0A
- Rated voltage: 50V AC
- Insulation Resistance: 500MΩ Min
- Withstand voltage: 500VAC (1Min)
- Contact resistance: 30mΩ (Max)
- Working temperature: -25°C to +85°C

Material:

- Housing: PA46 (UL94V-0) Beige
- Actuator: PPS (UL94V-0) Black
- Fitting nail: phosphor bronze
- Plating: surface nickel plating, followed by tin plating
- Contact: phosphor bronze
- Plating: surface nickel plating, followed by tin plating

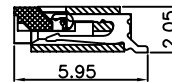
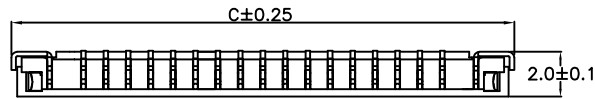


SECTION A-A (S=2:1)

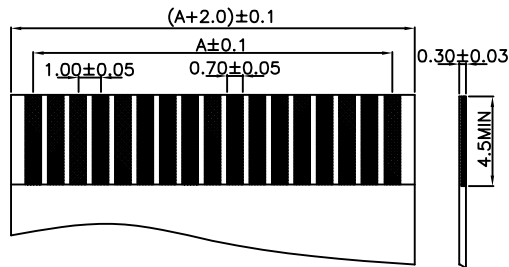
Ordering Information

FPC 10 20 G2 - xxP RS X S 1 101

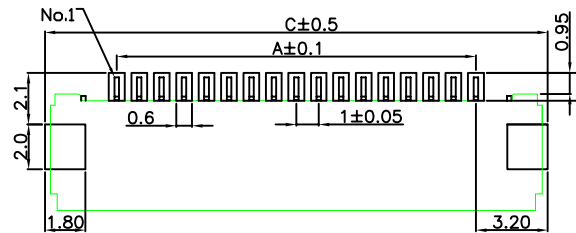
Pitch 10=1.0mm Height H=2.0mm Model No. of Pins See Table Type SMT WR Foot Position X=Bottom contact S=Top contact Coating G=Gold S=Tin Package 1=Tap&Reel 2=Tube



SECTION A-A



APPLICABLE FPC



RECOMMENDED PCB LAYOUT

| PIN | Dim A | Dim B | Dim C | PIN | Dim A | Dim B | Dim C |
|-----|-------|-------|-------|-----|-------|-------|-------|
| 2 | 1.00 | 3.06 | 7.40 | 16 | 15.00 | 17.06 | 21.40 |
| 3 | 2.00 | 4.06 | 8.40 | 17 | 16.00 | 18.06 | 22.40 |
| 4 | 3.00 | 5.06 | 9.40 | 18 | 17.00 | 19.06 | 23.40 |
| 5 | 4.00 | 6.06 | 10.40 | 19 | 18.00 | 20.06 | 24.40 |
| 6 | 5.00 | 7.06 | 11.40 | 20 | 19.00 | 21.06 | 25.40 |
| 7 | 6.00 | 8.06 | 12.40 | 21 | 20.00 | 22.06 | 26.40 |
| 8 | 7.00 | 9.06 | 13.40 | 22 | 21.00 | 23.06 | 27.40 |
| 9 | 8.00 | 10.06 | 14.40 | 23 | 22.00 | 24.06 | 28.40 |
| 10 | 9.00 | 11.06 | 15.40 | 24 | 23.00 | 25.06 | 29.40 |
| 11 | 10.00 | 12.06 | 16.40 | 25 | 24.00 | 26.06 | 30.40 |
| 12 | 11.00 | 13.06 | 17.40 | 26 | 25.00 | 27.06 | 31.40 |
| 13 | 12.00 | 14.06 | 18.40 | 27 | 26.00 | 28.06 | 32.40 |
| 14 | 13.00 | 15.06 | 19.40 | 28 | 27.00 | 29.06 | 33.40 |
| 15 | 14.00 | 16.06 | 20.40 | 29 | 28.00 | 30.06 | 34.40 |

SCONDAR ELECTRONIC LTD
ENGINEER LIU APPROVED

| | | | |
|-------------|---------|-------|------------|
| OPERATION | DRAW | YAO | 2021.07.06 |
| X.X ±0.35 | DESIGN | Xiong | 2021.07.08 |
| X.XX ±0.25 | | | |
| X.XXX ±0.15 | CHECK | Lisa | 2021.07.11 |
| Angle ± 3' | | | |
| DIM TOL | APPROVE | | |

SCONDAR ELECTRONIC LIMITED

SCALE: mm UNIT: mm SIZE: A4 SHEET: 1/1 PART NO.: FPC1020G2-xxPRXSX1101

PROJECT: TITLE: FPC 1.0mm H=2.0mm Model Flip front SMT RS PA46 V0 Beige Bottom contact xxP Contact Tin plating Reel Package

| | | | | |
|-----|------------|--------------------------|--------|---------|
| AO | 2021.03.08 | NEW | | |
| REV | DATE | MODIFICATION DESCRIPTION | CHANGE | APPROVE |