

RoHS

SPECIFICATION:

- Rated Current: 0.5A
- Rated voltage: 50V AC/DC
- Insulation Resistance: 500MΩ Min
- Withstand voltage: 125VAC (1Min)
- Contact resistance: 35mΩ (Max)
- Working temperature: -40°C to +85°C

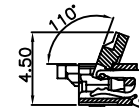
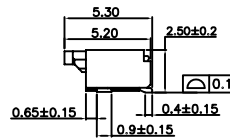
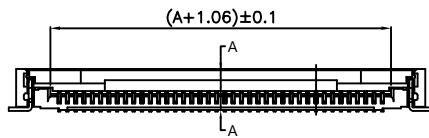
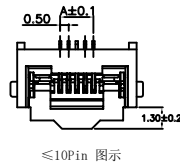
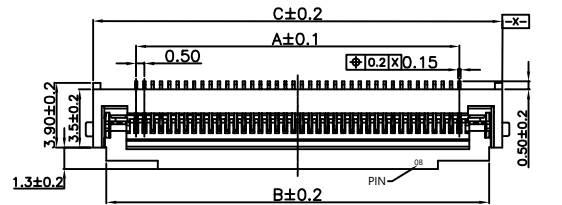
Material:

- Housing: LCP (UL94V-0) Beige
- Actuator: PA9T (UL94V-0) Black
- Fitting Nail: Phosphor Bronze
- Plating: Surface nickel plating, followed by Tin plating
- Contact: Phosphor Bronze
- Plating: GOLD-PLATED CONTACT
- 1ANDSOLDER JOINT 1-3U"

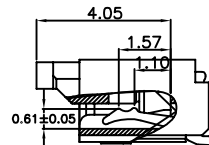
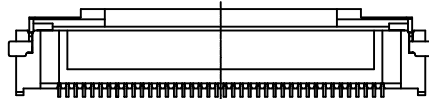
Ordering Information

FPC 05 25 O2 - xxP RS X G 1 101

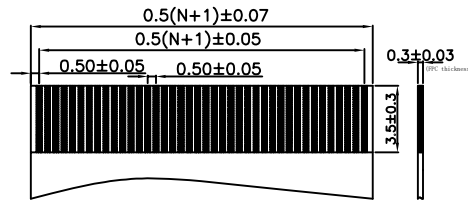
Pitch 05=0.5mm Height H=2.5mm Model No. of Pins See Table Type SMT WR Foot Position X=Bottom contact S=Top contact Coating G=Gold S=Tin Package 1=Tape&Reel 2=Tube



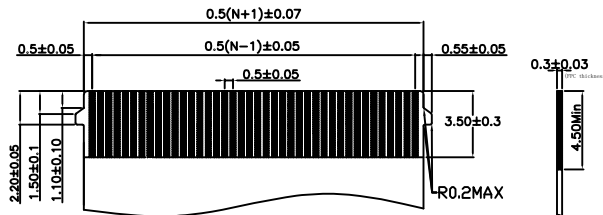
Internal view of open status



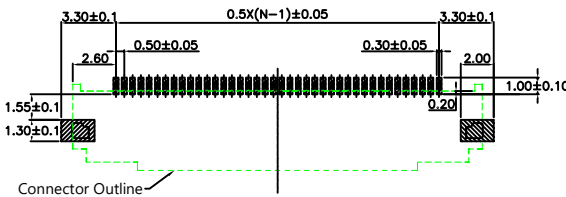
SECTION A-A (2:1)



APPLICABLE FPC



APPLICABLE FPC (+LOCK)



RECOMMENDED PCB LAYOUT

CKT	Dim A	Dim B	Dim C
5	2.00	5.60	7.20
10	4.50	8.10	9.70
14	6.50	10.1	11.7
24	11.5	15.1	16.7
30	14.5	18.1	19.7
40	19.5	23.1	24.7
64	31.5	35.1	36.7
68	33.5	37.1	38.7
80	39.5	43.1	44.7

SCONDAE ELECTRONIC LTD
ENGINEER LIU APPROVED

OPERATION	DRAW	Yao	2021.07.10
X.X ±0.35	DESIGN	LYao	2021.07.12
X.XX ±0.25			
X.XXX ±0.15			
Angle ± 3'	CHECK	Lisa	2021.07.15
DIM TOL	APPROVE		

SCALE: - UNIT: mm SIZE: A4 SHEET: 1/1 PROJ: TITLE: PART NO. FPC052502-xxPRXSXG1101

SCONDAE ELECTRONIC LIMITED

FPC 0.5mm H=2.5 "O" Model Front flip cover SMT RS LCP VO Beige Bottom contact xxP Contact Gold plating Reel Package

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE
AO	2021.07.12	NEW		