



**NOTES:**  
**1. MATERIAL**  
 METAL SHELL: STAINLESS STEEL T=0.20mm  
 TERMINAL: COPPER ALLOY  
 PLATED: Au 3u" MIN ON CONTACT AREA.  
 GOLD FLASH ON SOLDER AREA.  
 BASE NICKEL: 50u"  
 FFC CABLE:  
 MATERIAL: THERMOPLASTICS INSULATED: COPPER  
 STIFFENER BOARD: POLYESTER UL94V-0  
 FFC/STIFFENER THICKNESS=0.3mm, WHITE  
 PLATED: GOLD FLASH ON CONTACT AREA.  
 GOLD FLASH ON SOLDER AREA.  
 BASE NICKEL: 40u"

**2. CARD DETECTION SWITCH NORMALLY OPEN WITHOUT MATING CARD**

**PIN ASSIGNMENT**

FFC PIN.	ASSIGN	Smart Card PIN.
1	+SC_VCC	C1
2	SC_RST	C2
3	GND	C5
4	SC_CLK	C3
5	GND	
	NC	C6
6	SC_I/O	C7
7	SC_RFV	C4
8	SC_RFV	C8
9	SC_DET	C9
10	SC_DET	C10

**CAPACITOR CONTACT RELATION**

Smart Card PIN.	DEFINITION	SPEC
C1 -  C5	+SC_VCC -  GND	C=0.22uF 0402
C2 -  C5	SC_RST -  GND	C=22pF 0402
C3 -  C5	SC_CLK -  GND	C=22pF 0402
C7 -  C5	SC_I/O -  GND	C=22pF 0402

GENERAL TOLERANCE		DWG.NO.	SM48-AN101-00	PART.NO.	SM48-AN101-**	DRAWN	Jason 2024.03.12
x.±0.50	x. °±5°	REV.	X1	TITLE	Smart Card H2.35-2 With FFC Cable	CHECKED	
.x±0.25	.x °±2°	SIZE		SHEET	1/1	APPROVED	
.xx±0.15	.xx ±1°	A4					

UNIT mm SCALE 1:1

**OLN** 东莞市欧联电子科技有限公司  
 DONGGUAN OLN ELECTRONICS TECHNOLOGY CO., LTD.