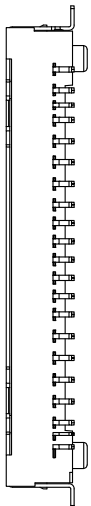
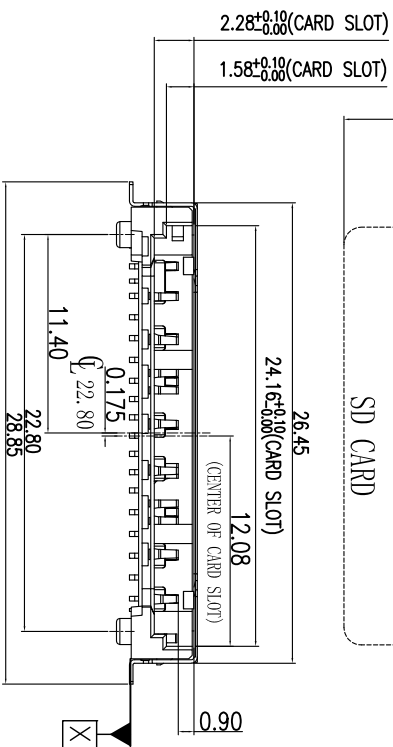
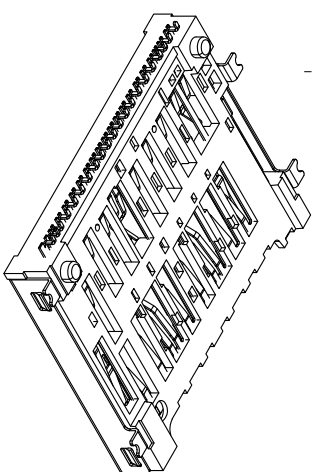
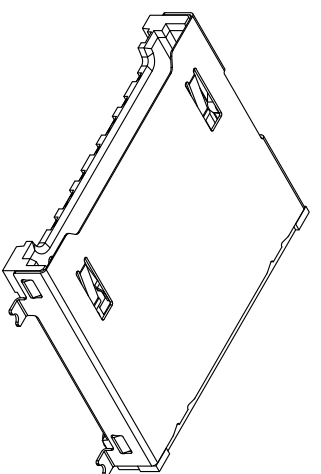
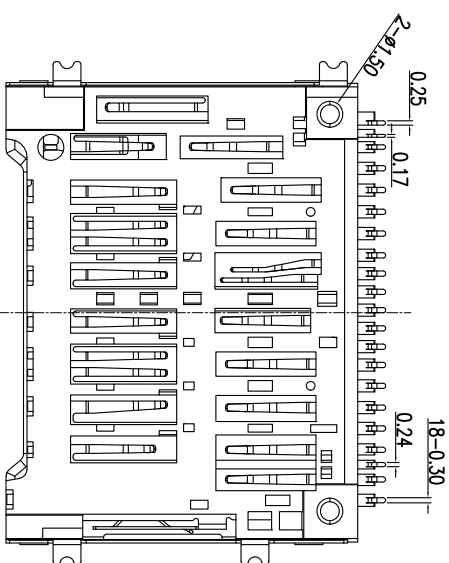
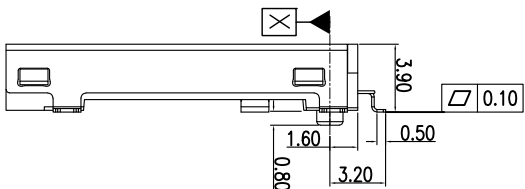
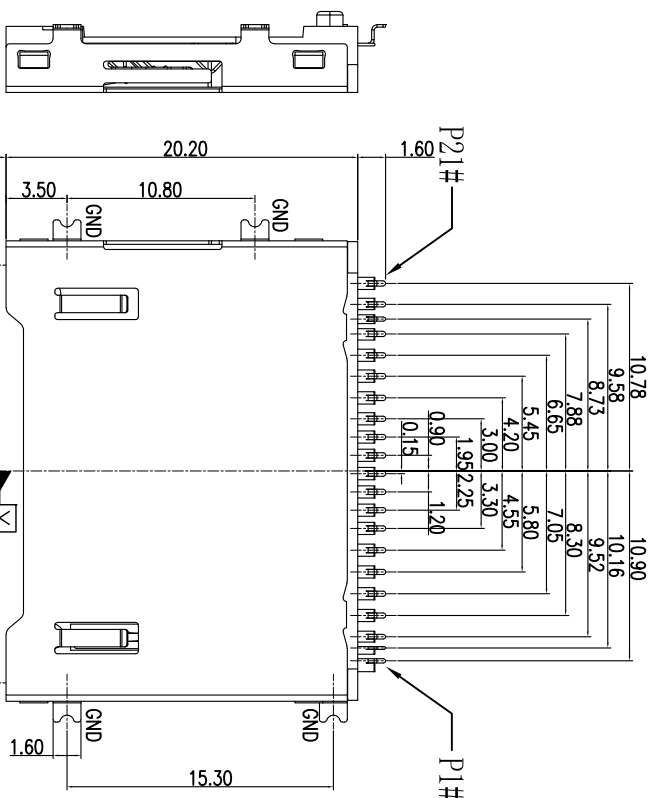


ROHS



REV.	EC#	DESCRIPTION	DATE	DRAWING	CHECKED	APPROVED
X0		初版发行	2019.12.24	JANYZ	WZX	ST



MILLIMETERS	INCH	UNITS	MM
X° ± Z'	X° ± Z'	MAT'L	
X ± 0.35	.XX ± 0.015	SEE NOTES	
.XX ± 0.25	.XXX ± 0.010	FINISH	
.XXX ± 0.10	.XXXX ± 0.004	SEE NOTES	
		QTY	SEE NOTES

MINTRON TECHNOLOGY CO.,LTD.

PART NUMBER: MT102013782

TITLE: SD7.0 No Push H3.90 客户图

APPD: C-102013782-00

CHKD: C-102013782-00

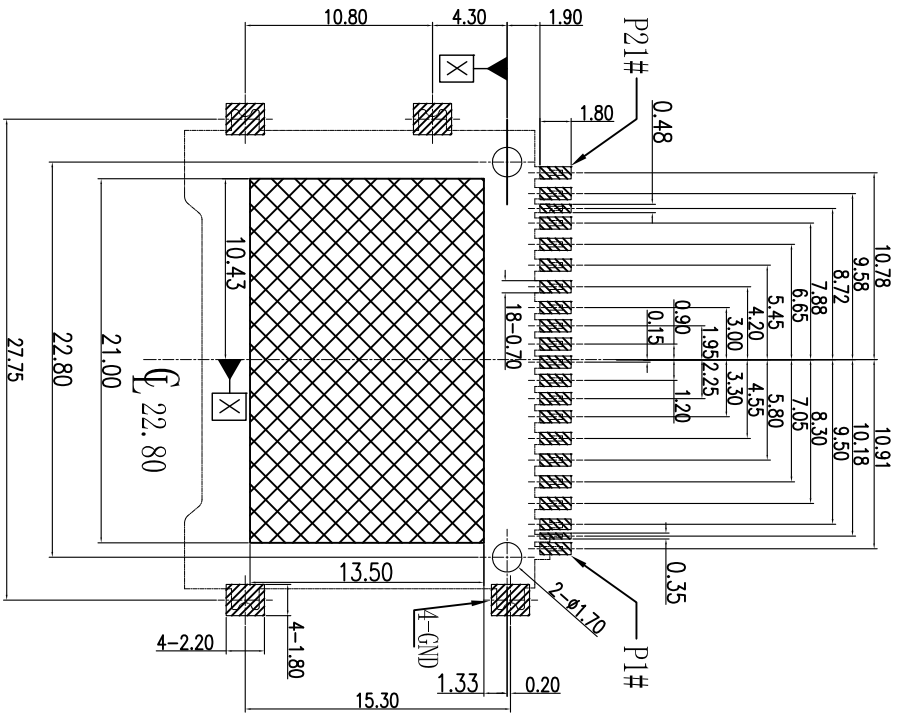
DR: C-102013782-00

DWG NO.: C-102013782-00

SCALE: 1:1

SHEET: 1/2

REV: X0



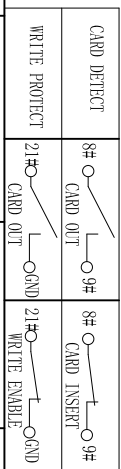
RECOMMEND P.C.B LAYOUT  
(General tolerance ±0.05)

- PAD AREA
- KEEP OUT AREA
- NO COPPER AREA  
(NO Trace&Via&GND)
- GND PATTERN ONLY



MT102303902	Alt 30u"
MT102013782	Alt 1u"
PART NO	PART PLATED

Circuit Diagram for CARD Detect/Write Protect Switch



- NOTES:
1. Operation Voltage : 10V AC
  2. Current rating: 1.0A Max
  3. Contact resistance: 100mΩ MAX
  4. Dielectric withstanding voltage: 500V AC/1minute
  5. Insulation resistance: 1000MΩ min 500V DC
  6. Operation temperature: -20°C to 60°C
  7. Storage temperature: -20°C to 70°C
  8. Durability: 10,000 CYCLES
  9. PLATING:
    - 9-1 CONTACT: 1u"OR30u" min. GOLD PLATED ON CONTACT AREA  
80u" min. TIN(MATTE) PLATING ON SOLDER TAIL AREA  
50u" min. NICKEL UNDERPLATING OVERALL
    - 9-2 SHELL : 1u" min. GOLD PLATED ON SOLDER, 30u" min. NICKEL PLATING OVERALL
  10. Recommending A Metal More Than 0.15mm Thick.  
Please Confirm Solderability, if Use A Metal Mask Less Than 0.15mm Thick.

Pin Assignment

No.	SD MODE		UHS II MODE		SD EXPRESS MODE	
	SD DETECT	SD VOLTAGE GROUND	SD DETECT	SD VOLTAGE GROUND	SD DETECT	SD VOLTAGE GROUND
P1		VSS3	SUPPLY VOLTAGE GROUND	VSS3	SUPPLY VOLTAGE GROUND	
P2				RESERVED	RESERVED	RESERVED
P3	DATA2	DATA LINE BIT2		CLKREQ#	REFERENCE CLOCK REQUEST SIGNAL. ALSO USED BY L1 PM SUB-STATES	
P4		DO+	DIFFERENTIAL DATA 0+	PCIE TX+		
P5	CD/DATA3	CARD DETECT/DATA LINE BIT2	NOT USED	PERST#	PE-RESET IS A FUNCTIONAL RESET	
P6		DO-	DIFFERENTIAL DATA 0-	PCIE TX-		
P7	CMD	COMMAND/RESPONSE	NOT USED		NOT USED	
P8	CD	CARD DETECT	CD	CARD DETECT	CARD DETECT	
P9	VSS1	SUPPLY VOLTAGE GROUND	VSS1	SUPPLY VOLTAGE GROUND	SUPPLY VOLTAGE GROUND	
P10	VSS4	SUPPLY VOLTAGE GROUND	VSS4	SUPPLY VOLTAGE GROUND	SUPPLY VOLTAGE GROUND	
P11	VDD2	SUPPLY VOLTAGE (1.8V)	VDD2	SUPPLY VOLTAGE (1.8V)	SUPPLY VOLTAGE (1.8V)	
P12	VDD	SUPPLY VOLTAGE (3.3V)	VDD1	SUPPLY VOLTAGE (3.3V)	SUPPLY VOLTAGE (3.3V)	
P13		D1-	DIFFERENTIAL DATA 1-	PCIE RX-		
P14	CLK	CLOCK	NOT USED		NOT USED	
P15		D1+	DIFFERENTIAL DATA 1+	PCIE RX+		
P16	VSS2	SUPPLY VOLTAGE GROUND	VSS2	SUPPLY VOLTAGE GROUND	SUPPLY VOLTAGE GROUND	
P17	VSS5	SUPPLY VOLTAGE GROUND	VSS5	SUPPLY VOLTAGE GROUND	SUPPLY VOLTAGE GROUND	
P18	DATA0	DATA LINE BIT0	CLK+	REFCLK+	PCIE REF CLOCK	
P19			CLK-	REFCLK-	PCIE REF CLOCK	
P20	DATA1	DATA LINE BIT1		REFCLK-	PCIE REF CLOCK	
P21	WP	WRITE PROTECT	WP	WRITE PROTECT	WRITE PROTECT	

MINTRON TECHNOLOGY CO., LTD.

MILLIMETERS	INCH	UNITS	MM
X° ± 2'	X° ± 2'	MAT'L	
X ± 0.30	X ± 0.015	SEE NOTES	
XX ± 0.20	XXX ± 0.010	FINISH	
XXX ± 0.10	XXXX ± 0.004	SEE NOTES	
PART NUMBER: MT102013782		TITLE: SD7. 0 No Push H3. 90客户图	
APPD: C-102013782-00		DWG NO.:	
CHKD: DR:		SCALE: 1:1	
QTY: SEE NOTES		SHEET: 2/2	
		REV: X0	