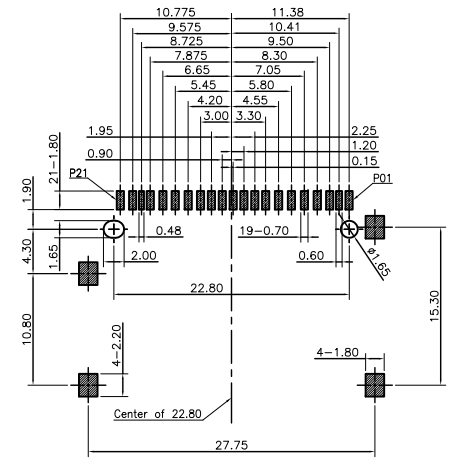
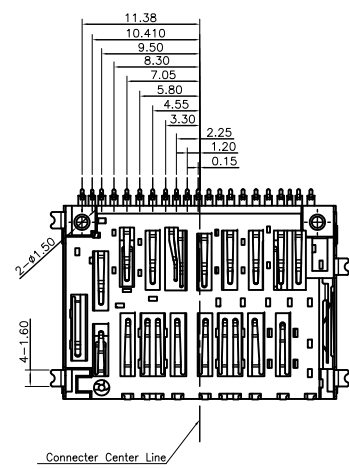
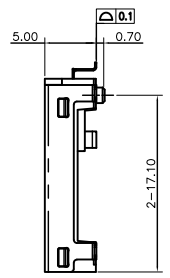
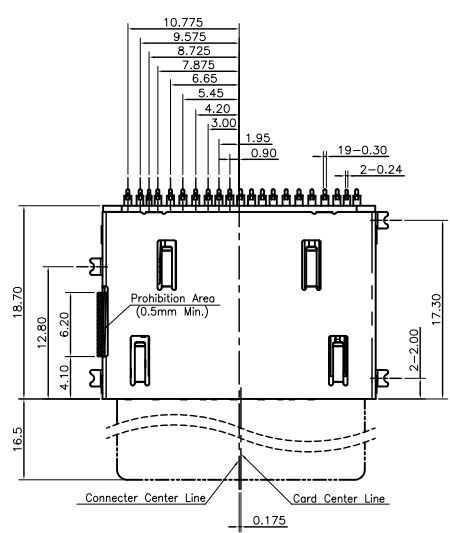
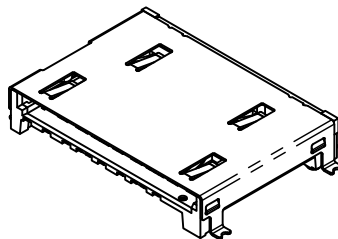
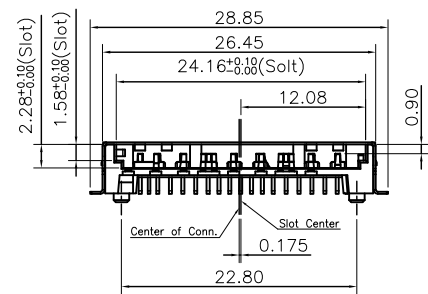


更改 REV	修改 MODIFICATION
A	ECXXXX



Recommended PCB Layout  
Top View (Tolerance ±0.05)

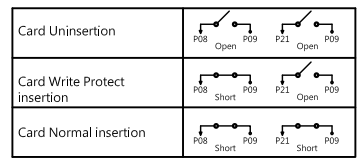


Note :

1. Material :
  - 1-1. Plastic : LCP, Black, UL94V-0
  - 1-2. Contact : Coper Alloy
  - 1-3. Shell : Stainless Steel
2. Plating :
  - 2-1. Contact :
    - Contact Area: Au 1μ" min. Plating
    - Over Ni 50μ" min.
    - Solderetail: Matte Tin 100μ" min. Plating
    - Over Ni 50μ" min.
  - 2-2. Shell :
    - Solderability Ni 50μ" min. Over All

Pin Assignment Table

Pin No	SD Mode		UHS-II Mode		SD Express Mode	
	Name	Description	Name	Description	Name	Description
P01			VSS3	Supply Voltage Ground	VSS3	Supply Voltage Ground
P02				Reserved		Reserved area for future post extension
P03	DAT2	Data Line (Bit 2)		CLREQ#	PCle TX+	Reserved for future use (Assigned to CLREQ#)
P04			DO+	Differential Data 0+	PCle TX+	
P05	CD/DAT3	Card Detect / Data Line (Bit 3)			PERST#	PE-Reset is a functional reset
P06			DO-	Differential Data 0-	PCle TX-	
P07	CMD	Command / Response				
P08	CD	Card Detect	CD	Card Detect	CD	Card Detect
P09	VSS1	Supply Voltage Ground	VSS1	Supply Voltage Ground	VSS1	Supply Voltage Ground
P10			VSS4	Supply Voltage Ground	VSS4	Supply Voltage Ground
P11			YD02	Supply Voltage (1.8V)	YD02	Supply Voltage (1.8V)
P12	VDD	Supply Voltage	YD01	Supply Voltage (3.3V)	YD01	Supply Voltage (3.3V)
P13			D1-	Differential Data 1-	PCle RX-	
P14	CLK	Clock				
P15			D1+	Differential Data 1+	PCle RX+	
P16	VSS2	Supply Voltage Ground	VSS2	Supply Voltage Ground	VSS2	Supply Voltage Ground
P17			VSS5	Supply Voltage Ground	VSS5	Supply Voltage Ground
P18	DAT0	Data Line (Bit 0)	RCLK+		REFCLK+	PCle Ref Clock
P19					YD03	Supply Voltage (1.2V~1.8V)
P20	DAT1	Data Line (Bit 1)	RCLK-		REFCLK-	PCle Ref Clock
P21	WP	Write Protect	WP	Write Protect	WP	Write Protect



GENERAL TOLERANCE		KINGCONN 皇海科技股份有限公司	
X.± 0.50	X.° ± 5°		
.X± 0.30	.X° ± 2°		
.XX± 0.20	.XX° ± 1°		
		名廠(TITLED)	
		SD7.0 TOP H:5.0mm NON PUSH	
單位(UNIT)	料號(PART NO.)	圖號(DWG NO.)	
mm	7SD70-F0-0007	7SD70-F0-0007	
審核(APPROVAL)	核對(CHECKED)	製圖(DRAWN)	比例(SCALE)
			1:1
		製版(SHEET)	更改(REV)
		1	A

