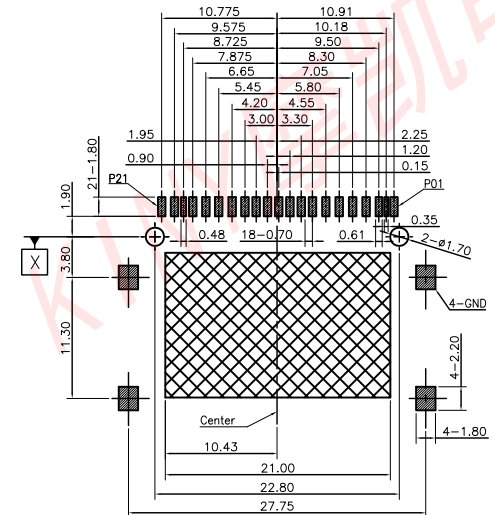
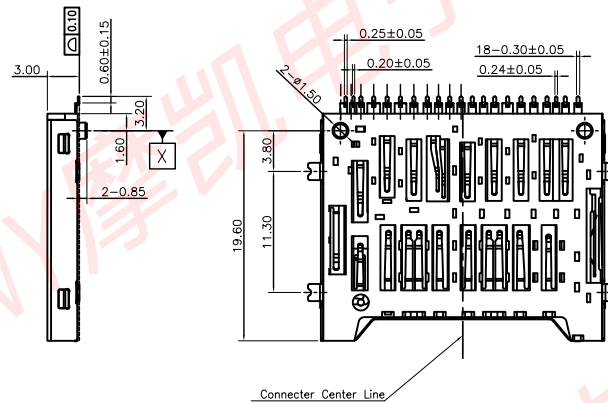
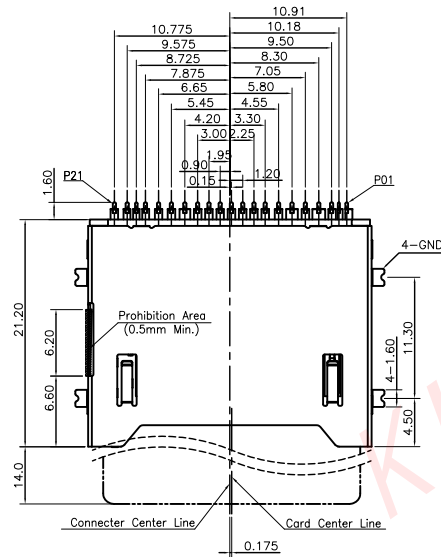


* 所有原料材质,生产制程,电镀必须符合HF要求



 PAD AREA
 NO COPPER AREA
 NO Trace&Via&GND)

Recommended PCB Layout
Top View (Tolerance ± 0.05)

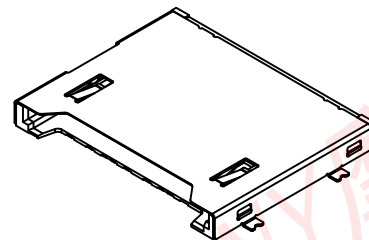
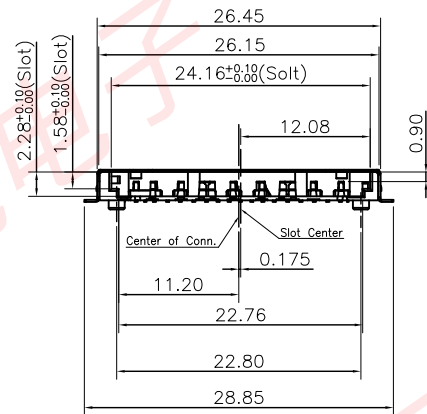
Note:

1. Material:
 - 1-1. Plastic: LCP, Black, UL94V-0
 - 1-2. Contact: Copper Alloy
 - 1-3. Shell: Stainless Steel
2. Plating:
 - 2-1. Contact:

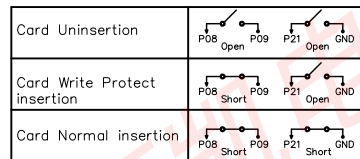
Contact Area: Au 1μ" min. Plating
Over Ni 50μ" min.

Solder tail: Matte Tin 100μ" min. Plating
Over Ni 50μ" min.
 - 2-2. Shell:

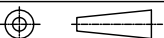
Solderability Ni 50μ" min. Over All
3. Contact And Tail Coplanarity To Be 0.10mm max.



SD Mode			UHS-II Mode		SD Express Mode	
Pin No.	Name	Discreption	Name	Discreption	Name	
P01			VSS3	Supply Voltage Ground	VSS1	Supply Voltage Ground
P02					Reserved	Reserved area for future pad extension
P03	DAT2	Data Line [BIT 2]			CLKREQ0	Reference clock request signal. Data rate 1.2 to 10 Gbps
P04			D0+	Differential Data 0+	PCIE TX+	
P05	CD/DAT3	Card Detect/Data Line [BIT3]			PERST#	PE-Reset is a functional reset
P06			D0-	Differential Data 0-	PCIE 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			VDD2	Supply Voltage (1.8V)	VDD2	Supply Voltage (1.8V)
P12	VDD	Supply Voltage	VDD1	Supply Voltage (3.3V)	VDD1	Supply Voltage (3.3V)
P13			D1-	Differential Data 1-	PCIE RX-	
P14	CLK	Clock				
P15			D1+	Differential Data 1+	PCIE 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+ PCIE Ref Clock	
P19					VDD3	Supply Voltage (1.2V)~TBD
P20	DAT1	Data Line [BIT 1]	RCLK-		REFCLK- PCIE Ref Clock	
P21	WP	Write Protect	WP	Write Protect	WP	Write Protect



XO	----	NEW RELEASE	Aaron	2024.05.17
REVISION NO.	ECR NO.	DESCRIPTION	MARK	DATE
1	2	3	↑	

		东莞市摩凯电子有限公司			
DIMENSIONS INIT: mm UNLESS OTHERWISE SPECIFIABLE DIMENSION TOLERANCE X.X: ± 0.35 X.XX: ± 0.20 X.XXX: ± 0.10 ANGULAR: ± 2°		PRODUCT NAME : SD7.0 TOP H3.00 Non-push		DRAWING: Aaron	
		PRODUCT NO. : SD300-T1250-23		CHECK: 	
		DRAWING NO. : D-SD300-D1250-23		APPROVED: 	
				SCALE: 1:1	
		DWG ID: C D		REV.: X0	
				PAGE: 1 OF 1	