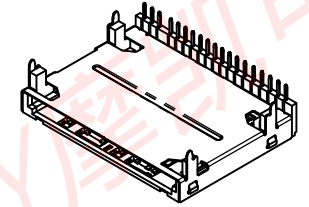
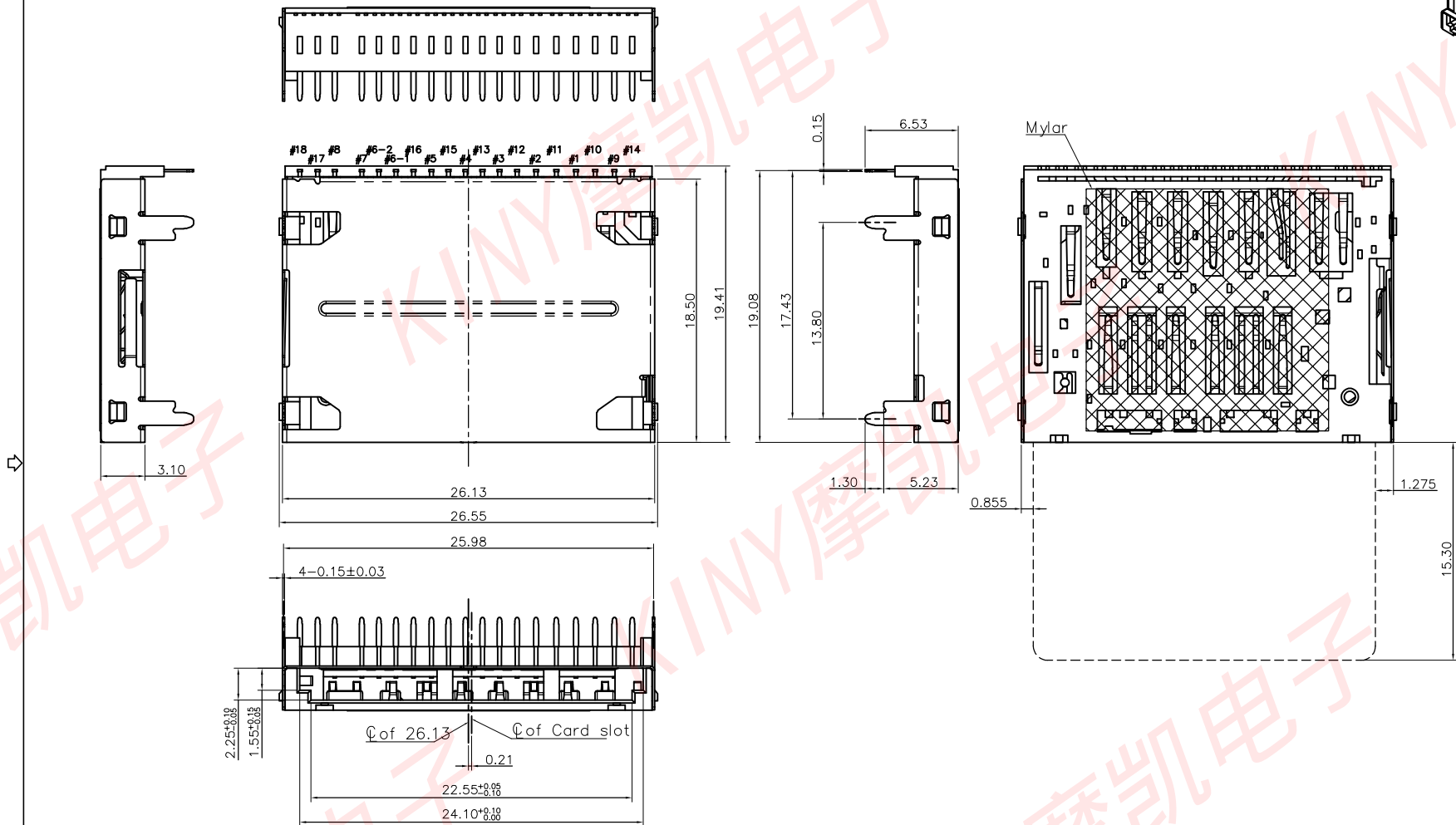


* 所有原料材质, 生产制程, 电镀必须符合IPC要求



3D View 1 : 2



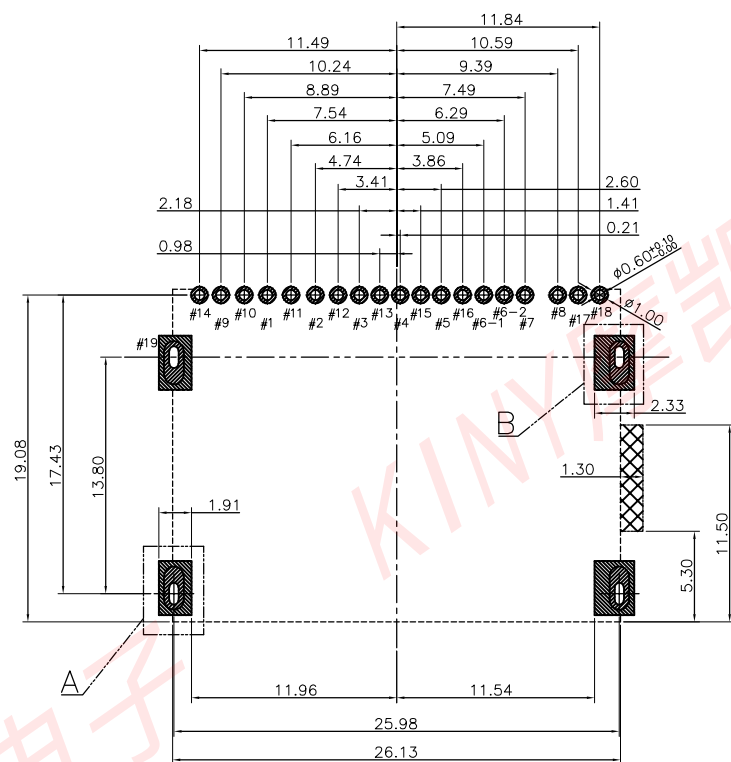
		东莞市摩凯电子有限公司			
		PRODUCT NAME : SD4.0 Bottom H5.23 DIP Non-push	DRAWING: Faji	DATE: 2021.09.28	
DIMENSIONS INIT: mm UNLESS OTHERWISE SPECIFIABLE		PRODUCT NO. : SD523-D6251-01	CHECK: Alex	DATE: 2021.09.28	
DIMENSION TOLERANCE X.X: ± 0.35 X.XX: ± 0.20 X.XXX: ± 0.10 ANGULAR: ± 2'		DRAWING NO. : D-SD523-D6251-01	APPROVED: Alex	DATE: 2021.09.28	
				SCALE: 1:1	DWG ID: C D
				REV.: A	PAGE: 1 of 2

A	-----	NEW RELEASE	Faji	2021.09.28
REVISION NO.	ECR NO.	DESCRIPTION	MARK	DATE
1				

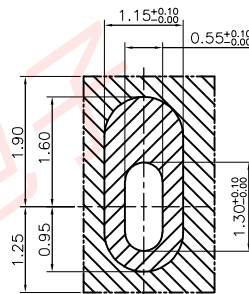
* 所有原料材质, 生产制程, 电镀必须符合HSE要求

Pin Assignment

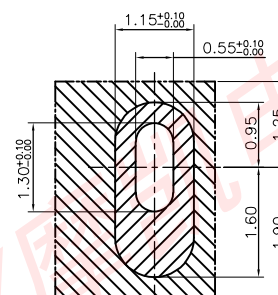
Pin#	SD Name	UHS-II Name
1	DAT3	
2	CMD	
3	VSS1	VSS1
4	VDD	VDD1
5	CLK	
6-1	CD	
6-2	VSS2	VSS2
7	DAT0	RCLK+
8	DAT1	RCLK-
9	DAT2	
10		VSS3
11		DO+
12		DO-
13		VSS4
14		VDD2
15		D1-
16		D1+
17		VSS5
18	WP	
19	GND	



Recommended PCB Layout
Top View (Tolerance: ±0.05)



Detail A
Scale 4 : 1

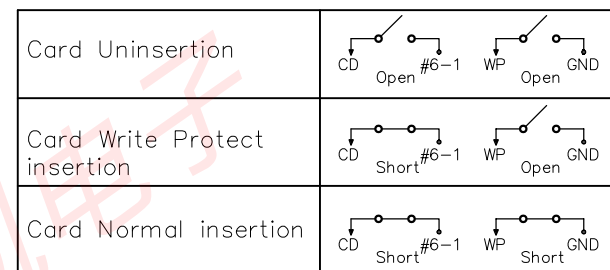


Detail B
Scale 4 : 1

NOTE:

- Material:
 - 1-1 Housing: High Temperature Thermoplastic, LCP, Color Black UL 94V-0
 - 1-2 Contact: Phosphor Bronze (C5210R-H,T=0.15±0.01mm)
 - 1-3 Cover: SUS304-H,T=0.15±0.03mm
- Plating:
 - 2-1 Contact terminal:
 - Contact area: Gold 30u"
 - Solder area: Matte Tin 100u" Min.
 - Underplating: Ni overall 50u" Min.
 - 2-2 Cover:
 - Underplating: Ni overall 50u" Min.
 - Solder area: Gold 1u" Min.
- Specification:
 - 3-1 Current Rating: 0.5A max.
 - 3-2 Contact Resistance: 50 mOhms max.
 - 3-3 Insulation Resistance: 1000 MOhms min./500VDC
 - 3-4 Dielectric Withstanding Voltage: 500V AC/1minute
 - 3-5 Operating Temperature: -25°C to +85°C
 - 3-6 Mating Cycles: 5000 Insertions
- Product Compliant to RoHS Directive 2002/95/EC and ELV 2000/53/EC
- Recommending A Metal More Than 0.15mm Thick.
Please Confirm Solderability, If Use A Metal Mask Less Than 0.15mm Thick.

- NO COMPONENT AREA
- KEEP OUT AREA
- PAD AREA
- CONNECTOR OUT LINE AREA



	东莞市摩凯电子有限公司				
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	UNLESS OTHERWISE SPECIFIABLE		PRODUCT NO. : SD523-D6251-01	CHECK: Alex	DATE: 2021.09.28
	DIMENSION TOLERANCE		DRAWING NO. : D-SD523-D6251-01	APPROVED: Alex	DATE: 2021.09.28
X.X: ± 0.35 X.XX: ± 0.20 X.XXX: ± 0.10 ANGULAR: ± 2'				SCALE: 1:1 DWG ID: C D REV.: A PAGE: 2 OF 2	

REVISION NO.	ECR NO.	DESCRIPTION	MARK	DATE
1		NEW RELEASE	Faji	2021.09.28