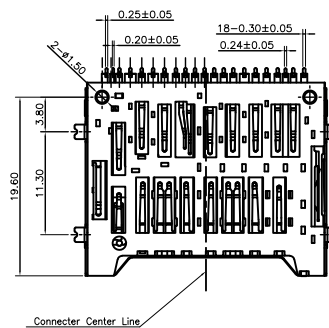
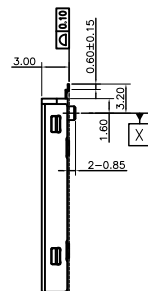
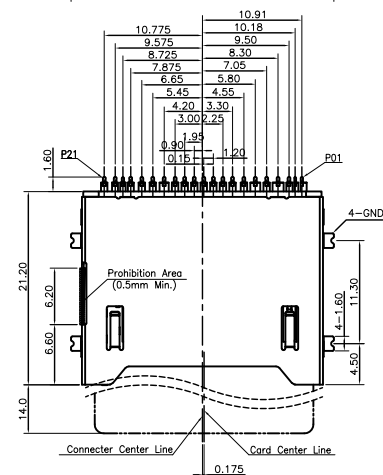
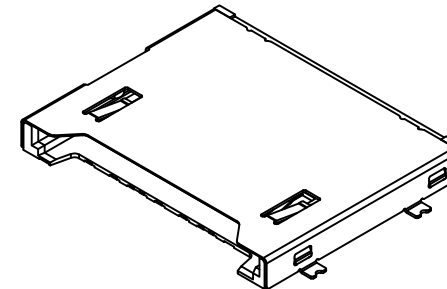
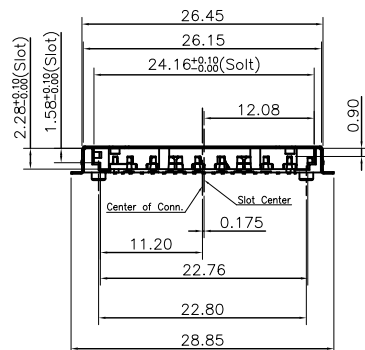


Note:

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.

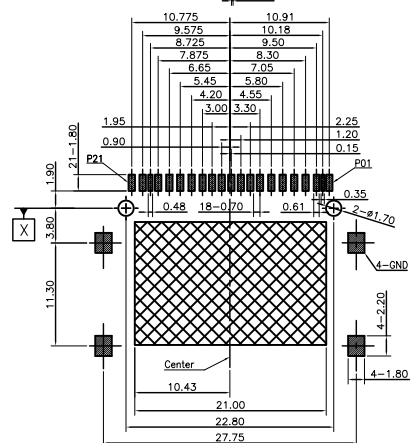
Solder tail: Matte Tin 100μ" min. Plating

Over Ni 50μ" min.

2-2. Shell:

Solderability Ni 50μ" min. Over All

3. Contact And Tail Coplanarity To Be 0.10mm max.



Recommended PCB Layout

Top View (Tolerance ± 0.05)

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

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						
P03	DAT2	Data Line [Bit 2]		Reserved	CLKREQ	Reserved for future use and not to be used in 2.0 SD mode.
P04			DO+	Differential Data 0+	PCie TX+	
P05	CD/DAT3	Card Detect/Data Line [Bit 3]			PERST#	PE-Reset is a functional reset
P06			DO-	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]	RCCLK+	PCie Ref Clock	REFCLK+	PCie Ref Clock
P19					VDD3	Supply Voltage (1.2V)-TBD
P20	DAT1	Data Line [Bit 1]	RCCLK-	PCie Ref Clock	REFCLK-	PCie Ref Clock
P21	WP	Write Protect	WP	Write Protect	WP	Write Protect



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TOLERANCE:

X.X ±0.30

X.XX ±0.25

X.XXX ±0.15

X" ±2" X.X" ±0.5"

UNIT: mm [inch]

SCALE:1:1 SIZE: A4

DRAWN BY :

陈一鸣

DATE :

2014-02-23

PART NAME:

SD 7.0 NO PUSH 板上型3.0H SMT

CHECKED BY:

马跃

DATE :

2014-02-23

PART NO.

HYCW104-SD21-300B

APPROVED BY:

邱敏

DATE :

2014-02-23

DRAW NO:

HYC-2509191453

SHEET NO.

1 OF 1