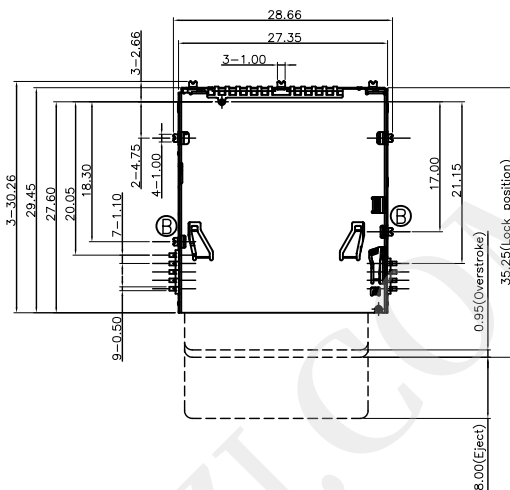
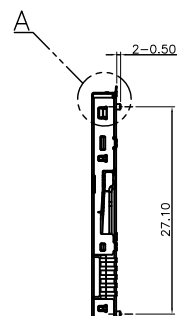
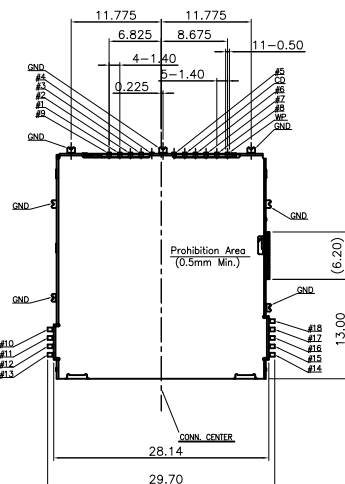


Card Uninsertion	
Card Write Protect insertion	
Card Normal insertion	



Pin Assignment

Pin	SDA2	UHS II Mode	SD Express Cap	Pin	SD Mode	UHS II Mode	SD Express Cap
#1	CD/DA73		PERST#	#11	D0+	PCle_Tx+	
#2	CMD			#12	D0-	PCle_Tx-	
#3	VSS1	VSS1	VSS1	#13			
#4	VDD	VDD1	VDD1	#14	VDD2	VDD2	
#5	CLK			#15	D1-	PCle_Rx-	
#6	VSS2	VSS2	VSS2	#16	D1+	PCle_Rx+	
#7	DA70	RCLK+	REFCLK+	#17			
#8	DA71	RCLK-	REFCLK-	#18	VSS5	VSS5	
#9	DA72		CLKREQ#	#19			CD Detect
#10		VSS3	VSS3	CD			Write Protect

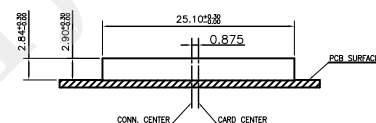
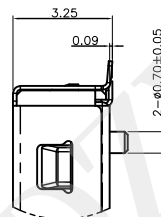
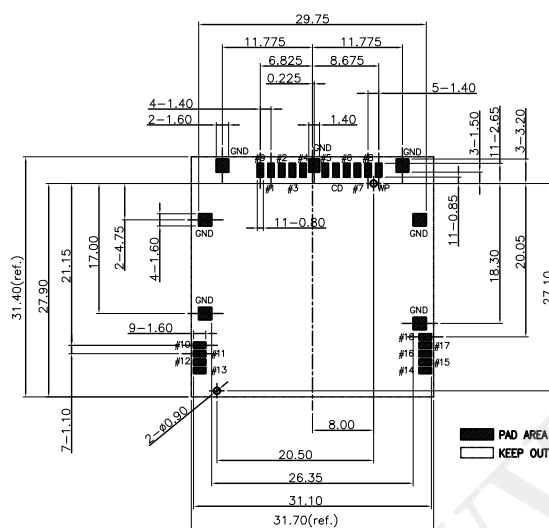
Note:

1. Material:
 - 1-1. Plastic: HEAT RESISTANCE LCP, Black, HF, 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.
Solderable: Gold Flash Plating Over Ni 50μ" min.
 - 2-2. Shell:

Solderable Ni 50μ" min. Over All
3. Contact And Solderable Coplanarity to be 0.10mm max.
4. Electrical Characteristics:
 - 4-1. Contact Current Rating: 0.5Amperes.
 - 4-2. Dielectric Withstanding Voltage: AC500V r.m.s.
 - 4-3. Insulation Resistance: 1000 Megohms
 - 4-4. Contact Resistance: 100 Milliohms Maximum.
5. Environmental:
 - 5-1. Operating Temperature: -25° C to +85° C.
 - 5-2. Salty spray: 48H
6. Steel mesh: Recommending a metal mask more than 0.13mm thick.

If use a metal mask less than 0.13mm thick, please confirm solderability.



RECOMMENDED ID DIMENSION

Detail A
Scale 4 : 1

RECOMMENDED PCB LAYOUT (TOP VIEW)
TOLERANCE UNLESS OTHERWISE SPEC ± 0.05



深圳市华宇创精密电子有限公司

TOLERANCE:		DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME:	
X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X: ±2° X.X ±0.5°				SD 7.0 PUSH 3.25H	
 UNIT: mm [inch]		CHECKED BY:	DATE :	PART NO.	HYC105-SD20-325
		马跃	2014-02-23	MOLD NO.	
SCALE: 1:1 SIZE: A4		APPROVED BY:	DATE :	DRAW NO:	HYC-2509191504
		邱敏	2014-02-23	SHEET NO.	1 OF 1