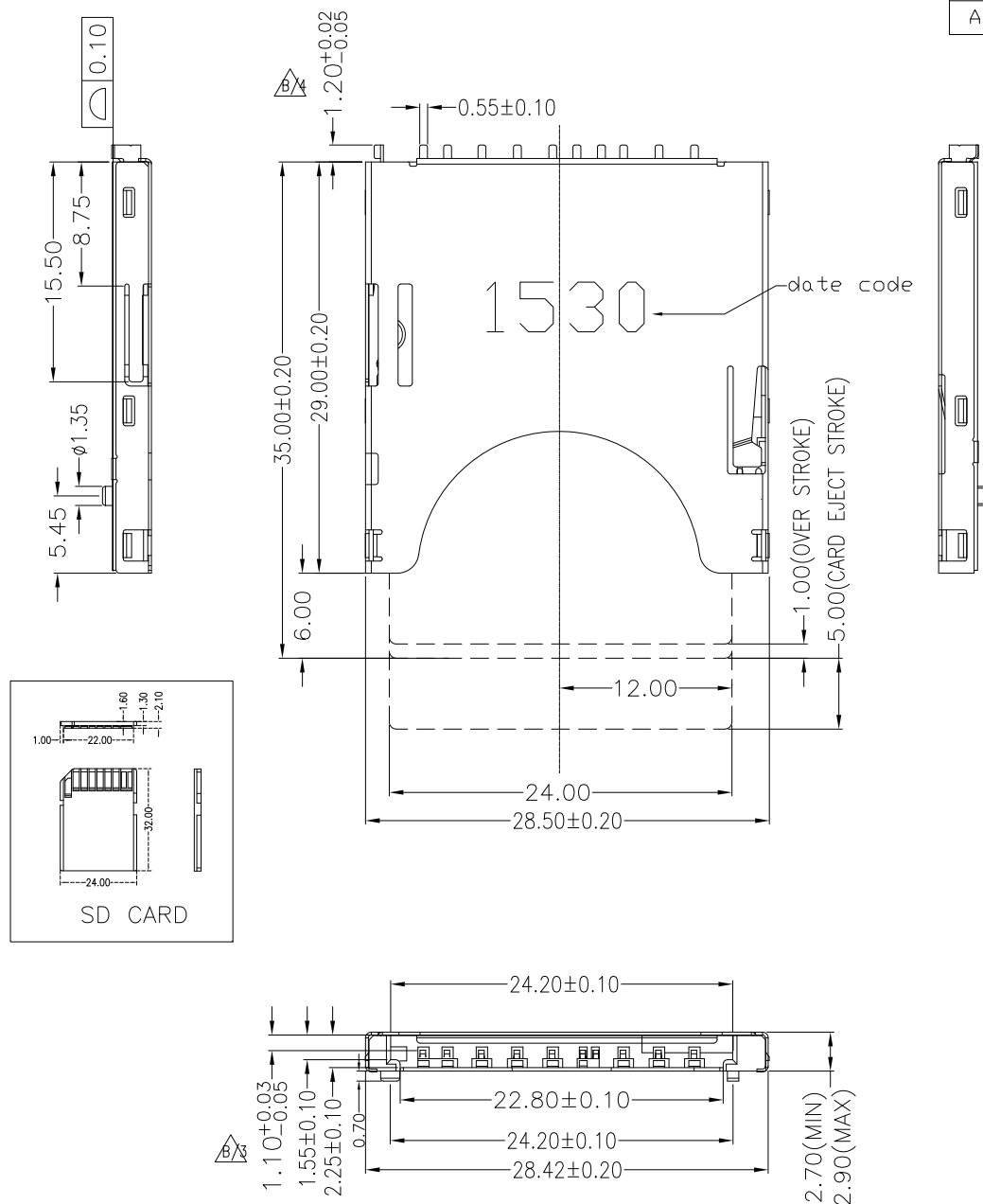


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2014/04/02	Jamie Zie
A1			尺寸變更	2014/04/29	Jamie Zie
A2			Add date code	2015/07/22	Phebe Su



注解:

1. 素材要求:
- 1.1 膠芯:LCP 30%GF,防火等级: UL94V-0, 顏色:黑色。
 - 1.2 滑塊:PA46 30%GF,防火等级: UL94V-0, 顏色:黑色。
 - 1.3 外殼:C2680R-H T=0.20mm
 - 1.4 10PIN端子:磷青銅C5191R-H, T=0.15mm。
 - 1.6 WP端子:磷青銅C5191R-H, T=0.15mm。
 - 1.7 彈簧:SUS 304, OD=0.25mm。
 - 1.8 線簧:SUS 304, OD=0.35mm。

- 2.電鍍要求:
- 2.1 外殼: 焊腳區域鍍錫120U”。
- 2.2 端子: 全部區域電鍍氨基磷酸鋅(可焊鋅) 50U”
焊腳區域鍍錫120U”, 接觸區域鍍金15U”。

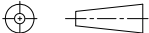
- 3.機械性能要求:
- 3.1 插入力最大 4.0kgf。
- 3.2 拔出力最小 0.5kgf。
- 3.3 耐久插拔 10000次循環。

- 4.電氣性能要求:
- 4.1 額定電流 1.0A,額定電壓 2.7V~3.6V。
 - 4.2 耐壓交流電壓最小200伏特,最少1分鐘。
 - 4.3 絕緣電阻在直流電壓500伏特時最小100M歐姆。
 - 4.4 接觸電阻最大100豪歐。

- 5.環境性能要求:
- 5.1 使用環境-20攝氏度~85攝氏度。
- 5.2 部件耐熱焊接溫度符合230攝氏度30~60秒, 260攝氏度10秒要求。

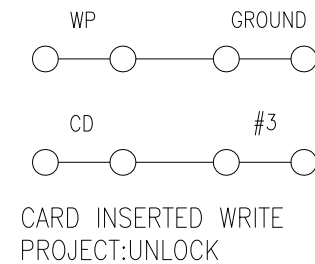
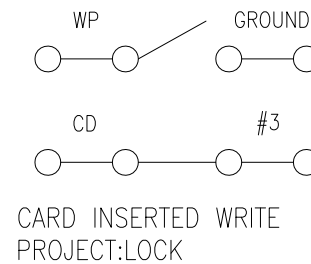
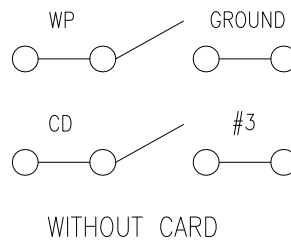
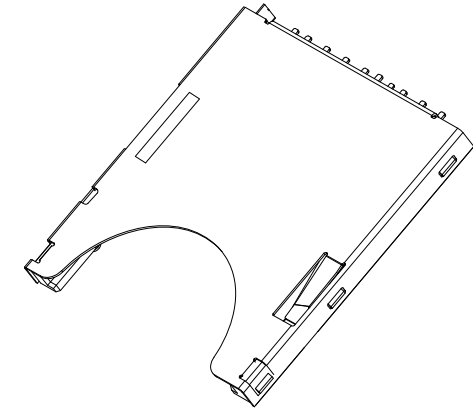
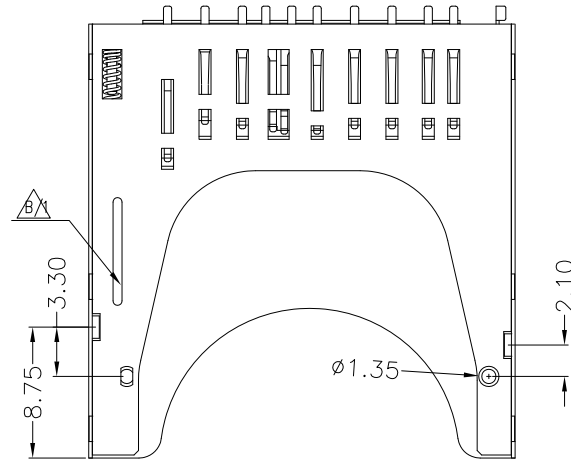
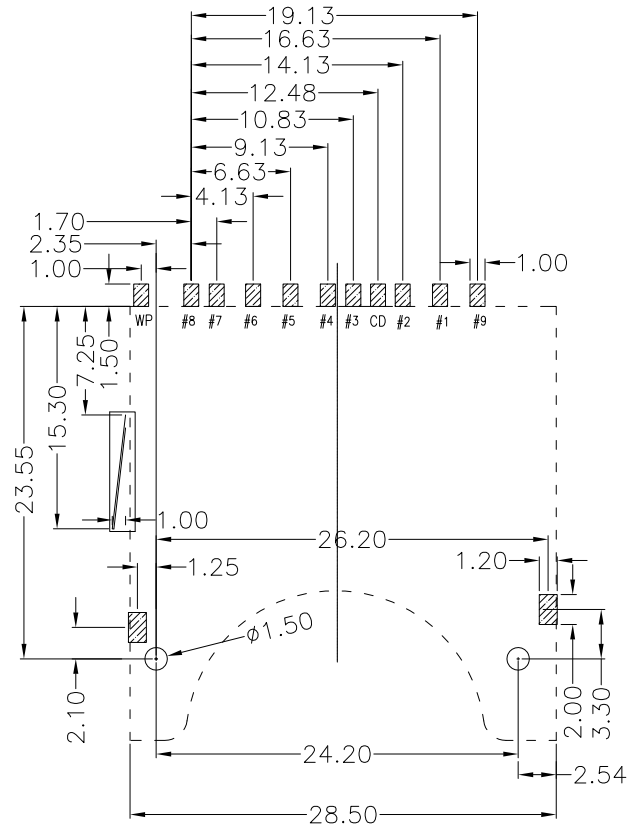
6. 部件符合2011/65/EU。

- 7.DATE CODE: XX XX
年份 周期

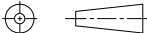
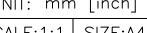
NO	VARIETY	QTY	MATERIAL	REMARK	
 Matrix Electronics Co.,Ltd					
TOLERANCE: X: X X.X ±0.25 X.XX ±0.20 X.XXX ±0.15 ANGLE: ±3°		DESIGN BY : Phebe Su	DATE : 2015/07/22	PART NAME: SD PUSH-PUSH CARD	
		CHECKED BY: vicky hsieh	DATE : 2015/07/22	PART NO.	MSD-01-15-07-RS
 UNIT: mm [inch]		APPROVED BY1: Richard Hsieh	DATE : 2015/07/22	MOLD NO.	NA
		APPROVED BY2: Richard Hsieh	DATE : 2015/07/22	DRAW NO.	
SCALE:1:1	SIZE:A4			SHEET NO.	1 OF 2

GP Component

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SD CARD PIN DESIGN

PIN NO.	NAME	TYPE	DESCRIPTION
#1	CD/DAT3	I/O/PP	CARD DETECT/DATA LINE(BIT3)
#2	CMD	PP	COMMAND/RESPONSE
#3	VSS1	S	SUPPLY VOLTAGE GROUND
#4	VDD	S	SUPPLY VOLTAGE
#5	CLK	I	CLOCK
#6	VSS2	S	SUPPLY VOLTAGE GROUND
#7	DAT0	I/O/PP	DATA LINE(BIT 0)
#8	DAT1	I/O/PP	DATA LINE(BIT 1)
#9	DAT2	I/O/PP	DATA LINE(BIT 2)

NO	VARIETY	QTY	MATERIAL	REMARK	
 Matrix Electronics Co.,Ltd					
TOLERANCE: X.X ±0.25 X.XX ±0.20 X.XXX ±0.15 ANGLE: ±3°		DESIGN BY : Phebe Su	DATE : 2015/07/22	PART NAME: SD PUSH-PUSH CARD	
 UNIT: mm [inch]		CHECKED BY: vicky hsieh	DATE : 2015/07/22	PART NO.	MSD-01-15-07-RS
 UNIT: mm [inch]		APPROVED BY1: Richard Hsieh	DATE : 2015/07/22	MOLD NO.	NA
SCALE:1:1 SIZE:A4		APPROVED BY2: Richard Hsieh	DATE : 2015/07/22	DRAW NO.	
				SHEET NO.	2 OF 2