

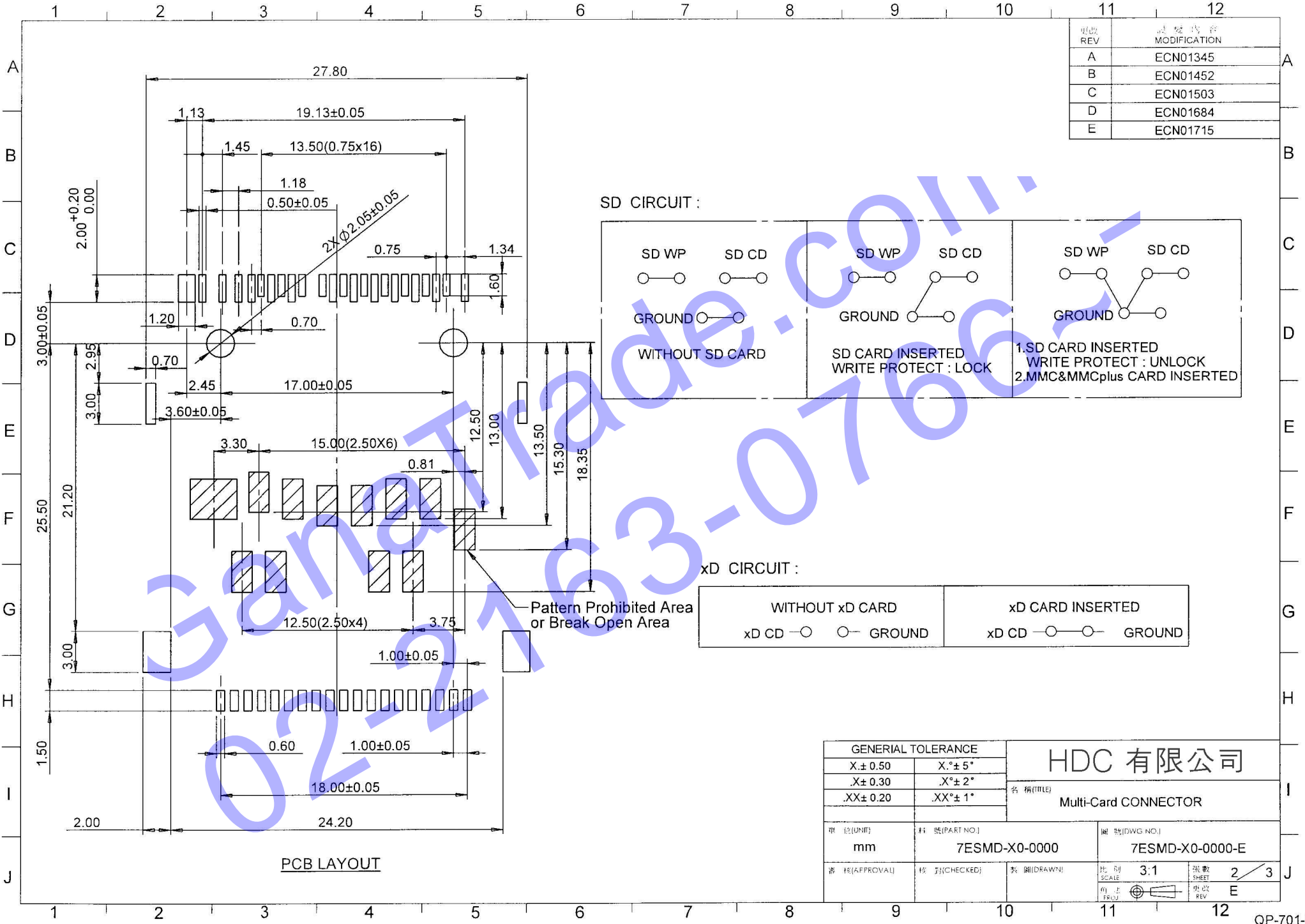
NOTES :

- MATERIAL :
INSULATOR : HIGH TEMPERATURE THERMOPLASTIC , UL94V-0.
COLOR : BLACK
CONTACT : PHOSPHOR BRONZE.
- APPLICATION : SD&HS SD&SDHC&MMC&MMCplus&xD& MS&MS PRO&MagicGate MS&MS-ROM&MS I/O Expansion (It can protect the damage of MSDuo)
- PART NO : 7ESMD-X0-0000

PLATING :
F CONTACT AREA : Gold Flash PLATED OVER Ni
SOLDER AREA : Tin PLATED OVER Ni
B CONTACT AREA : 10 μ " Au PLATED OVER Ni
SOLDER AREA : Tin PLATED OVER Ni

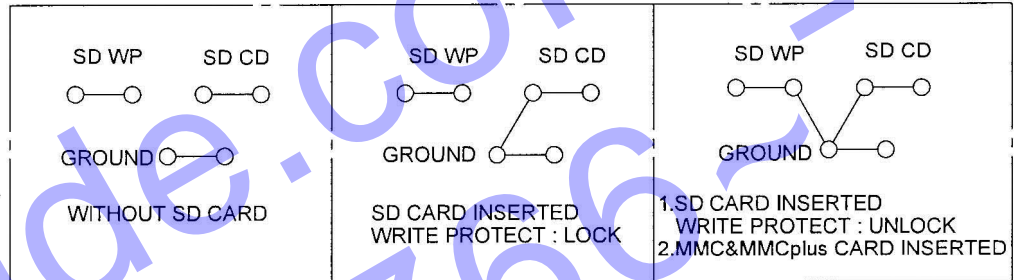
更改 REV	變更內容 MODIFICATION
A	ECN01345
B	ECN01452
C	ECN01503
D	ECN01684
E	ECN01715

GENERAL TOLERANCE		HDC 有限公司	
X ± 0.50	X $\pm 5^\circ$	名稱[NAME] Multi-Card CONNECTOR	
X ± 0.30	X $\pm 2^\circ$		
XX ± 0.20	XX $\pm 1^\circ$		
單位[UNIT] mm	料號[PART NO.] 7ESMD-X0-0000	圖號[DWG NO.] 7ESMD-X0-0000-E	
審核[APPROVAL]	核對[CHECKED]	製圖[DRAWN]	比例 SCALE 1:1 張數 SHEET 1/3
			更改 REV E

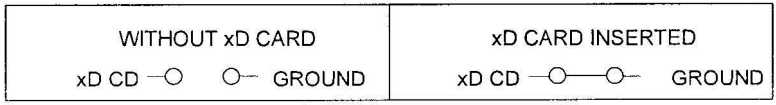


REV	MODIFICATION
A	ECN01345
B	ECN01452
C	ECN01503
D	ECN01684
E	ECN01715

SD CIRCUIT :



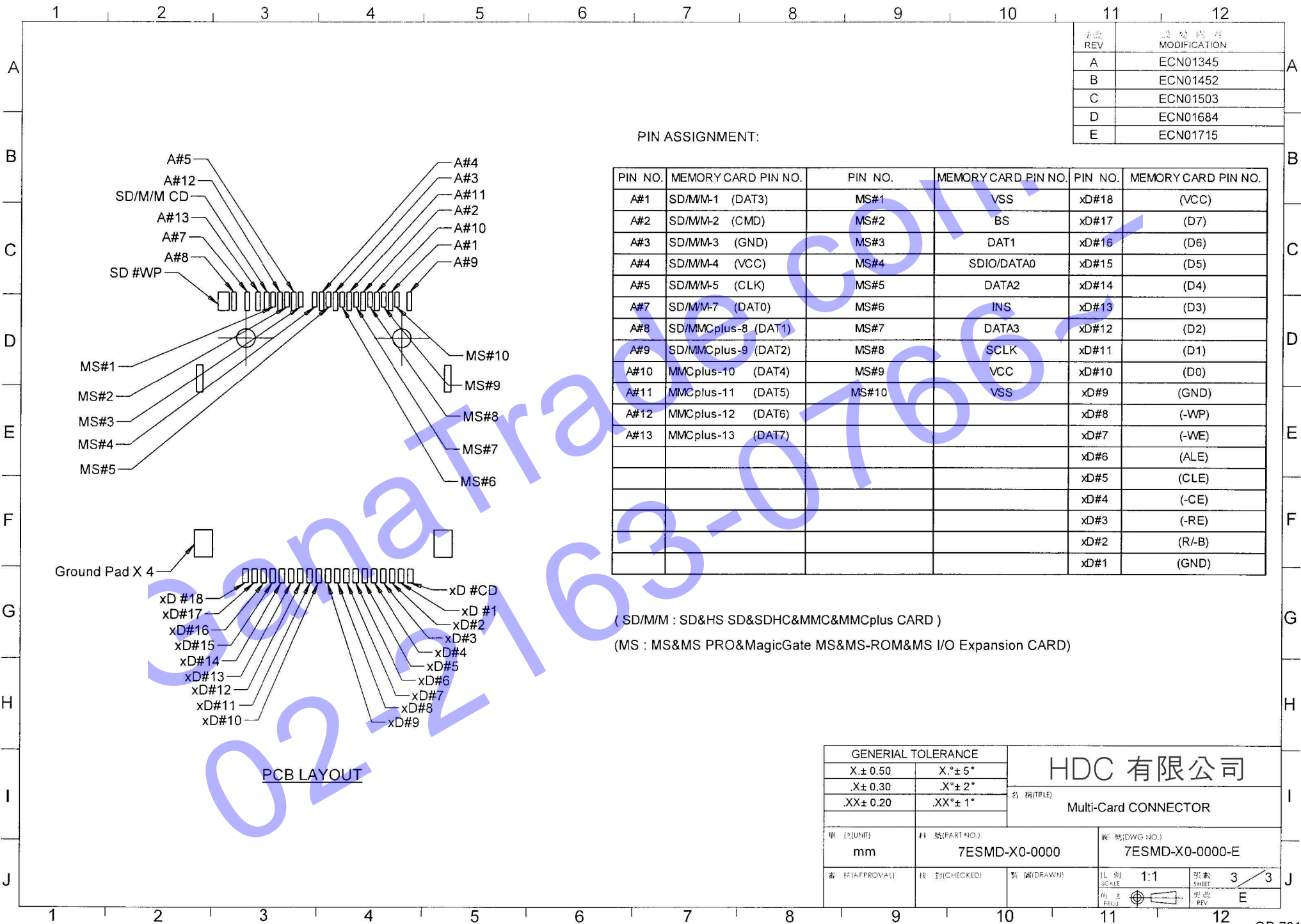
xD CIRCUIT :



Pattern Prohibited Area or Break Open Area

PCB LAYOUT

GENERAL TOLERANCE		HDC 有限公司	
X±0.50	X.°±5°	名稱(TITLE) Multi-Card CONNECTOR	
.X±0.30	.X°±2°		
.XX±0.20	.XX°±1°		
單位(UNIT)	料號(PART NO.)	圖號(DWG NO.)	
mm	7ESMD-X0-0000	7ESMD-X0-0000-E	
審核(APPROVAL)	核對(CHECKED)	製圖(DRAWN)	比例 SCALE 3:1
			張數 SHEET 2/3
			修改 REV E



REV	MODIFICATION
A	ECN01345
B	ECN01452
C	ECN01503
D	ECN01684
E	ECN01715

PIN ASSIGNMENT:

PIN NO.	MEMORY CARD PIN NO.	PIN NO.	MEMORY CARD PIN NO.	PIN NO.	MEMORY CARD PIN NO.
A#1	SD/MM-1 (DAT3)	MS#1	VSS	xD#18	(VCC)
A#2	SD/MM-2 (CMD)	MS#2	BS	xD#17	(D7)
A#3	SD/MM-3 (GND)	MS#3	DAT1	xD#16	(D6)
A#4	SD/MM-4 (VCC)	MS#4	SDIO/DATA0	xD#15	(D5)
A#5	SD/MM-5 (CLK)	MS#5	DATA2	xD#14	(D4)
A#7	SD/MM-7 (DAT0)	MS#6	INS	xD#13	(D3)
A#8	SD/MMCplus-8 (DAT1)	MS#7	DATA3	xD#12	(D2)
A#9	SD/MMCplus-9 (DAT2)	MS#8	SCLK	xD#11	(D1)
A#10	MMCplus-10 (DAT4)	MS#9	VCC	xD#10	(D0)
A#11	MMCplus-11 (DAT5)	MS#10	VSS	xD#9	(GND)
A#12	MMCplus-12 (DAT6)			xD#8	(-WP)
A#13	MMCplus-13 (DAT7)			xD#7	(-WE)
				xD#6	(ALE)
				xD#5	(CLE)
				xD#4	(-CE)
				xD#3	(-RE)
				xD#2	(R/-B)
				xD#1	(GND)

(SD/MM : SD&HS SD&SDHC&MMC&MMCplus CARD)
 (MS : MS&MS PRO&MagicGate MS&MS-ROM&MS I/O Expansion CARD)

PCB LAYOUT

GENERAL TOLERANCE		HDC 有限公司	
X±0.50	X.°±5°	名稱(TITLE) Multi-Card CONNECTOR	
X±0.30	X°±2°		
.XX±0.20	.XX°±1°		
單位(UNIT) mm	料號(PART NO.) 7ESMD-X0-0000	商標(DWG NO.) 7ESMD-X0-0000-E	
審核(APROVAL)	核對(CHECKED)	製圖(DRAWN)	比例 SCALE 1:1 圖數 SHEET 3/3 修改 REV E