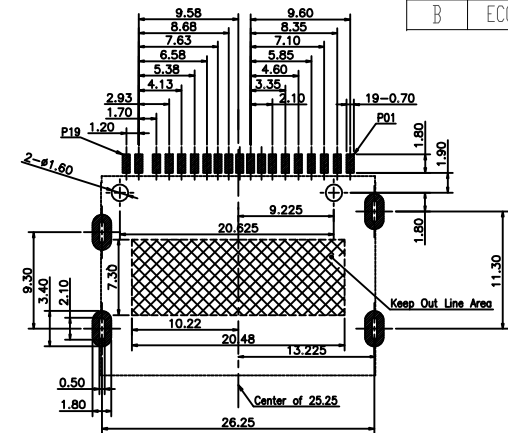
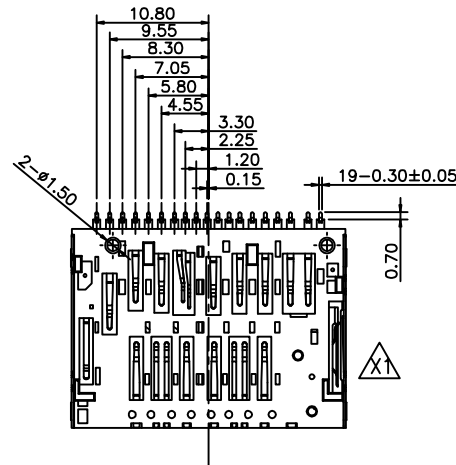
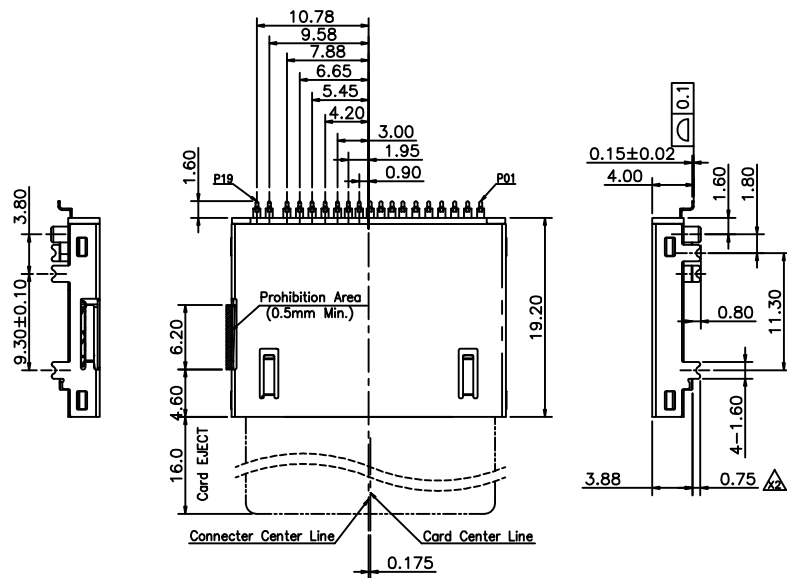
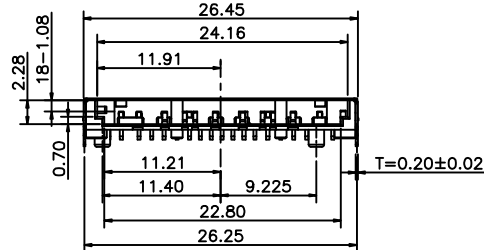


更改 REV	變更內容 MODIFICATION
A	EC06955
B	EC07008



Recommended PCB Layout
Tolerance : ±0.05



Card Uninsertion	
Card Write Protect Insertion	
Card Normal Insertion	

Pin Assignment

Pin#	Name	Description	Pin#	Name	Description
P01	VSS3	Supply Voltage Ground	P11	VDD1	Supply Voltage (3.3V)
P02	DAT2	Data Line [Bit 2]	P12	D1-	Differential Data 1-
P03	DO+	Differential Data 0+	P13	CLK	Clock
P04	CD/DAT3	Card Detect/Data Line [Bit 3]	P14	D1+	Differential Data 1+
P05	DO-	Differential Data 0-	P15	VSS2	Supply Voltage Ground
P06	CMD	Command/Response	P16	VSS5	Supply Voltage Ground
P07	CD	Card Detect	P17	DAT0	Data Line [Bit 0]
P08	VSS1	Supply Voltage Ground	P18	DAT1	Data Line [Bit 1]
P09	VSS4	Supply Voltage Ground	P19	WP	Write Protect
P10	VDD2	Supply Voltage (1.8V)			

Note?

- Material:
 - 1-1. Plastic: LCP, Black, HF, UL94V-0
 - 1-2. Contact: C5210
 - 1-3. Shell: SUS304
- Plating:
 - 2-1. Contact:

Contact Area Au 1u" min. Plating Over Ni 50u" min.
Solder tail Matte Tin 100u" min. Plating Over Ni 50u" min.
 - 2-2. Shell:

Ni 50u" min. Over All Solder Foot 1u" Gold Over Ni
- Contact And Tail Coplanarity To Be 0.10mm max.
- Electrical Characteristics:
 - 4-1. Contact Current Rating: 0.5Amperes.
 - 4-2. Electrical Withstanding Voltage: AC500V r.m.s.
 - 4-3. Insulation Resistance: 1000 Megohms
 - 4-4. Contact Resistance: 100 mΩ Maximum.
- Mechanical Characteristics:
 - 5-1. Mating Cycles: 10,000 Cycles.
- Environmental:
 - 6-1. Operating Temperature: -25°C~+85°C.
 - 6-2. Salt spray: 48H

GENERAL TOLERANCE		KINGCONN 皇海科技股份有限公司	
X± 0.50	X*± 5 °	名 稱(TITLE)	SD4.0 NON PUSH
X± 0.30	X*± 2 °		
.XX± 0.20	.XX*± 1 °		
單位(UNIT)	料號(PART NO.)	圖號(DWG NO.)	
mm	7SD40-FA-0004	7SD40-FA-0004	
審核(APPROVAL)	核對(CHECKED)	製圖(DRAWN)	比例 SCALE 1:1
			張數 SHEET 1/1
			備註 REV B

