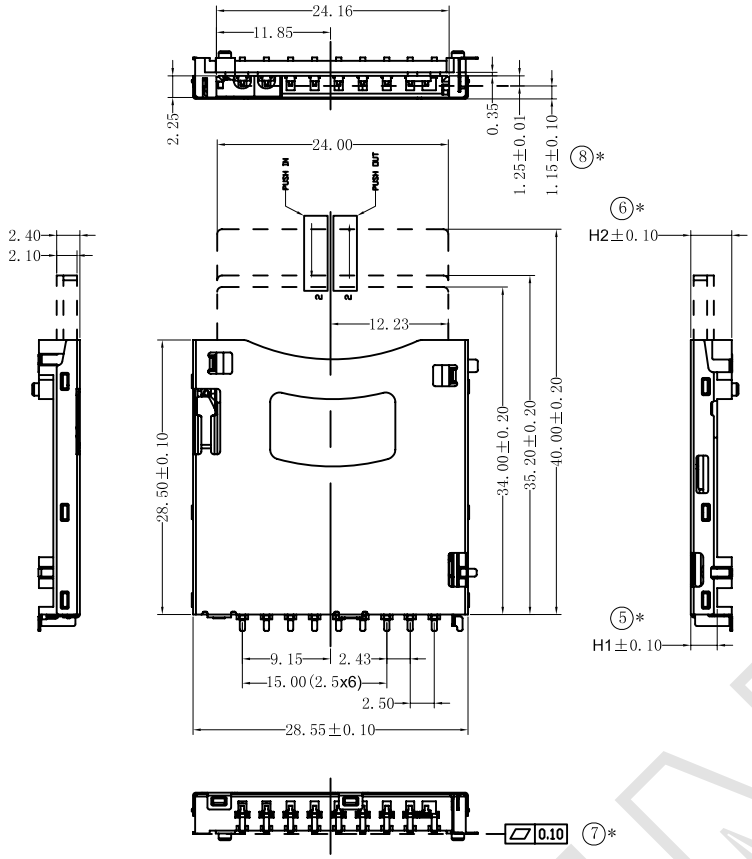
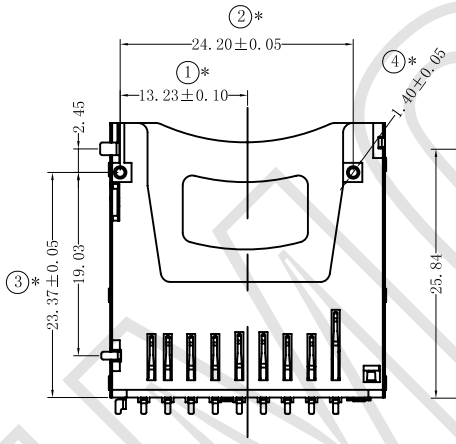
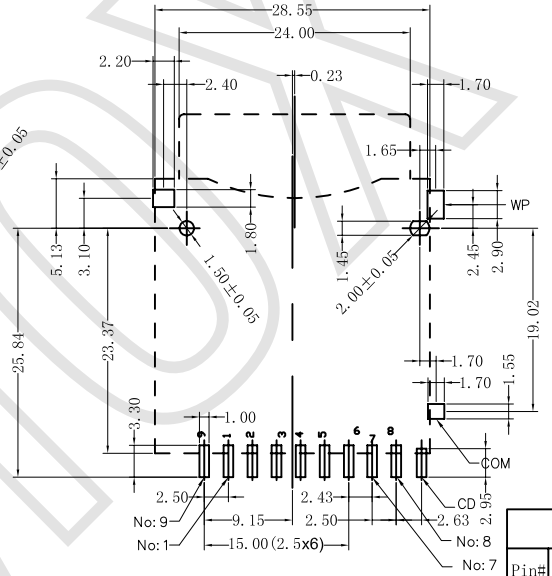
REVNO	REVISION NOTE	DATE	DRAW	CHECK
A/0	RELEASED	08/3/20	黃家斌	
A/1	增加管控	08/11/26	黃家斌	

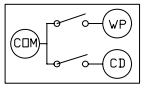




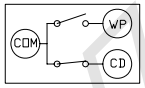


Recommended P.C.Board Layout

CIRCUIT without CARD

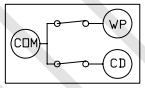


CARD INSERTED



●Write Protect SW. : Lock
●Status: Read only

CARD INSERTED



●Write Protect SW. : Unlock
●Status: Write enable

Electrical

Voltage: 100V AC(RMS)/DC
Current: 0.5 A AC(RMS)/DC
Contact Resistance: 80mΩ max
Insulation Resistance: 1000MΩ min
Dielectric Withstanding Voltage: 1000VAC/RMS
Operating Temp: -25℃～+90℃

Materials

Housing: High temperature Plastic UL 94V-0
Terminal: Copper Alloy

SD CARD PIN DESIGN			
Pin#	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	V_{DD}	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]

PART_NUMBER:	STANDOFF	"H1"	"H2"
KMSD38-B0	0.0mm	2.80mm	
KMSD38-B1	1.5mm		4.30mm
KMSD38-B2	1.8mm		4.60mm
KMSD38-B3	2.0mm		4.80mm

DIMENSION UNIT MM		PROD.SPEC.
TOLERANCE UNLESS OTHERWISE SPECIFIED		PKG.SPEC.
.X±0.10	X°±1°	APR.
.XX±0.05	.X°±0.5°	CHK.
.XXX±0.03	.XX°±0.3°	DRA.

金美電子有限公司
KINMOX Kinmox electronic co.,limited
www.kinmox.com 0755-89737484 Fax:0755-89737017

TITLE: SD CARD CONNECTOR(JX)

PROJ.

PART_NUMBER: see table1
FILE NO.
REV: A/1
SHEET 1/1
SCALE: 1:1

KINMOX