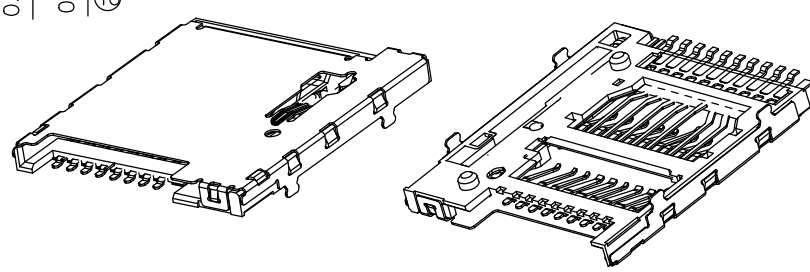
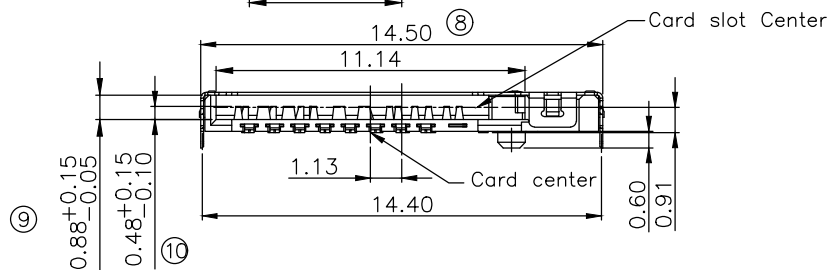
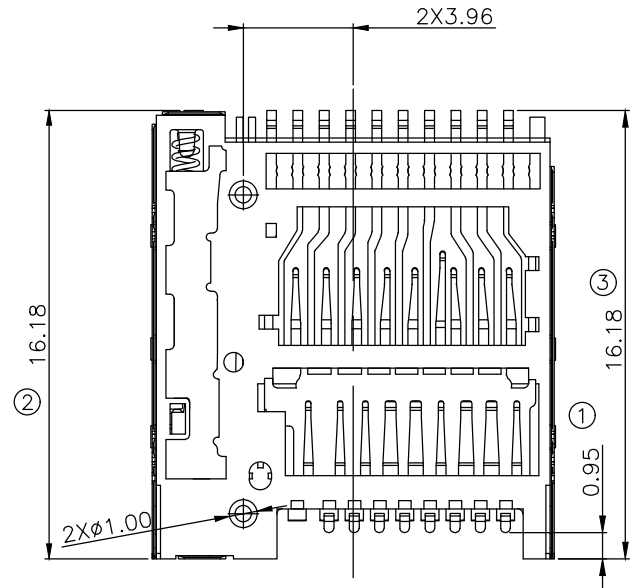
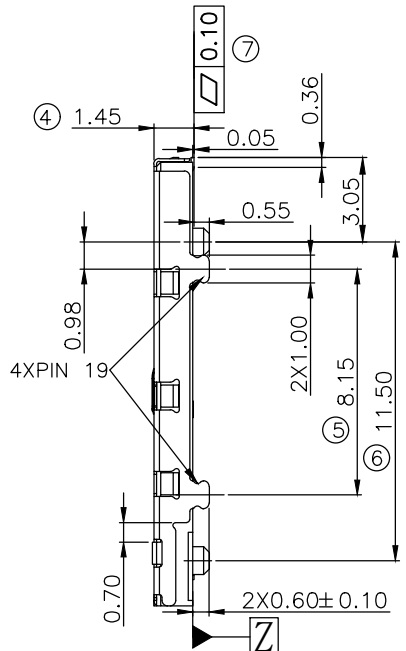
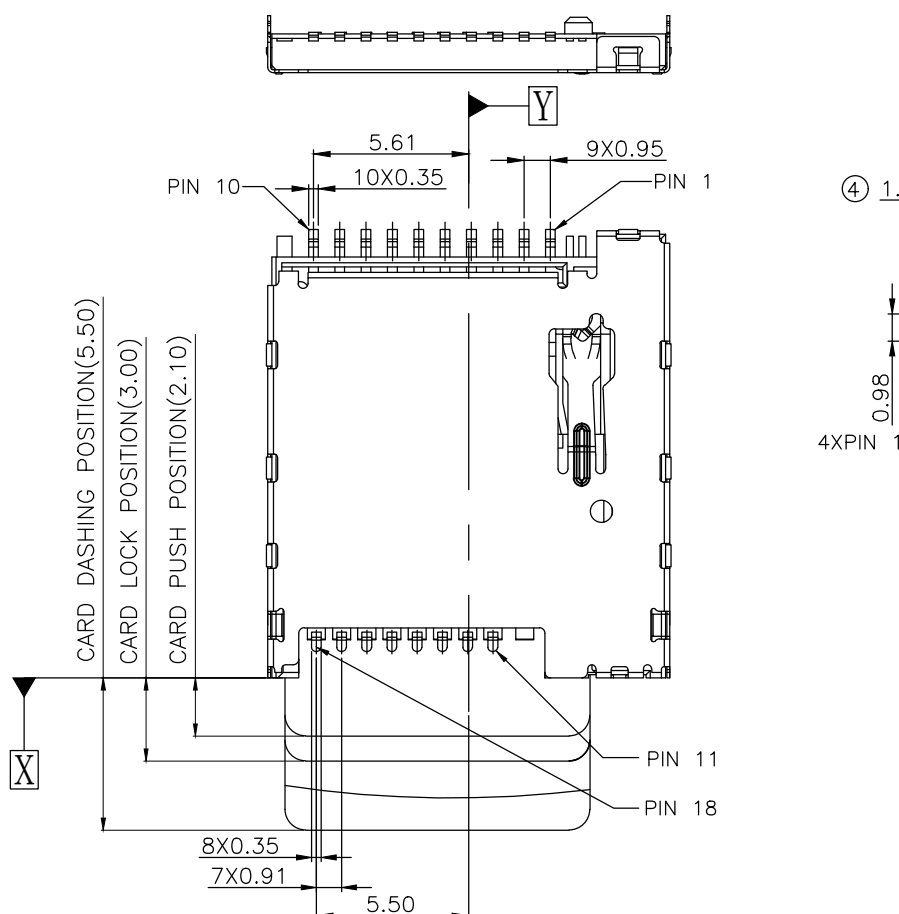


ROHS

ITEM	PART NAME	MATERIAL	NUM	COLOR	FINISHING	REMARK



ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	HOUSING	1	LCP S475	Black UL94V-0,30% Glass Fiber
2	SLIDE	1	LCP E130i	Black UL94V-0,30% Glass Fiber
3	SHELL	1	SUS304 H T=0.10±0.01	All Area: Ni 30-150u"
4	DATA CONTACT	1	C5191R-H T=0.10±0.01	All Area: Ni 50-150u", Solder Tail: matte-tin 80-200u", Contact area: Au 1u"
5	SPRING	1	SWP-B	Ni 50u"
6	LINK	1	SUS304R-H	

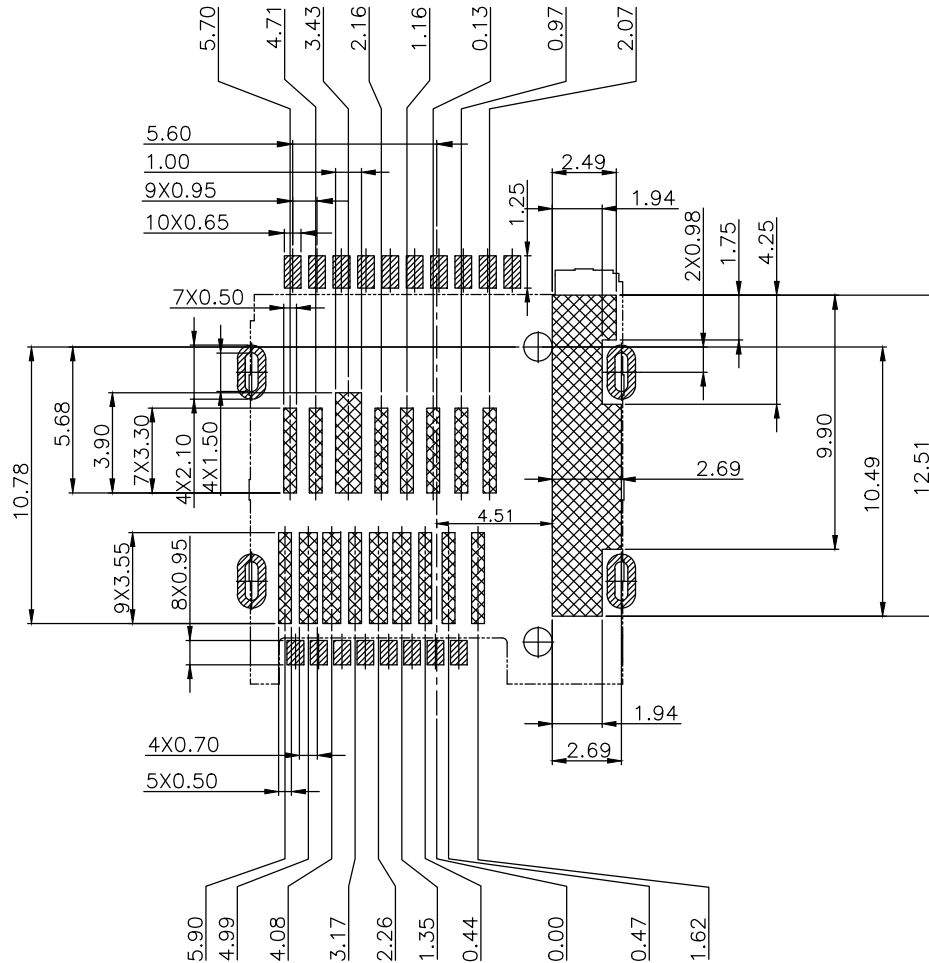
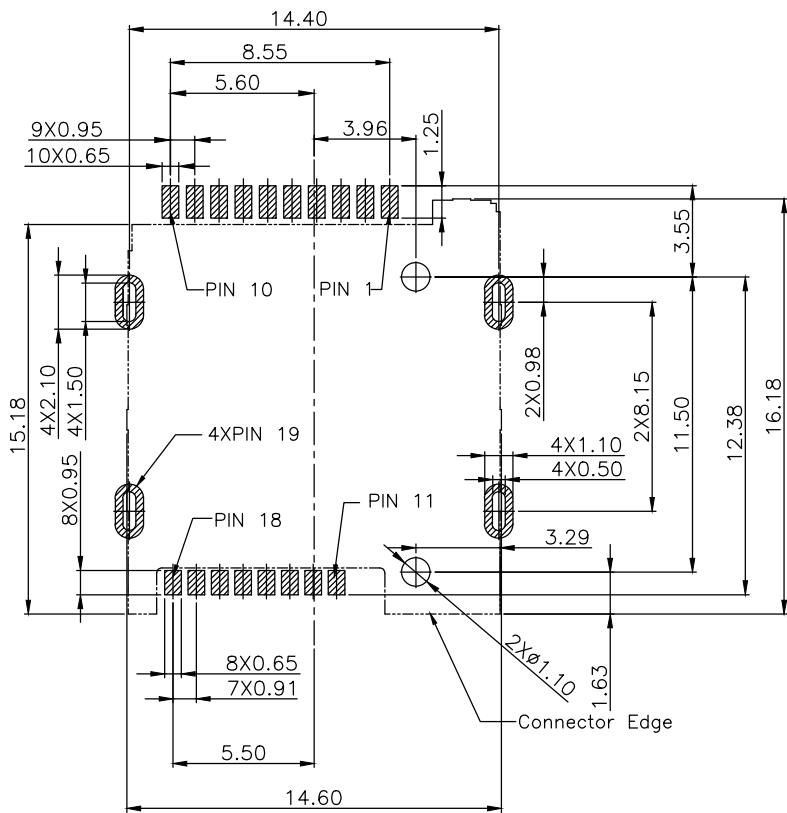
Part No: 2LS00P0017

REV.	REVISIONNOTE	DATE	TOLERANCE
A	新发行		X. ±0.38 X.* ±4* X.X ±0.25 X.X* ±2* X.XX ±0.20 X.XXX ±0.15

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ARTICLE: MicroSD 4.0 P-P	
MODEL	REV: A
SCALE: 1:1	UNIT: mm SHEET:

ROHS

ITEM	PART NAME	MATERIAL	NUM	COLOR	FINISHING	REMARK



PCB PATTERN LAYOUT
(GENERAL TOLERANCE:±0.05)



PAD



No trace, No test point,
No via hole, No ground area

Part No: 2LS00P0017

REV.	REVISIONNOTE	DATE	TOLERANCE
A	新发行		X. ±0.38 X.* ±4°
			X.X ±0.25 X.X* ±2°
			X.XX ±0.20
			X.XXX ±0.15
DRAWN	Wesker		PROJECTION
DES'D			
CHK'D			
APPV'D			SCALE: 1:1

HJ-Tech 东莞市皇捷通讯科技有限公司
DONGGUAN HUANGJIE COMMUNICATION TECHNOLOGY CO., LTD.

ARTICLE:
MicroSD 4.0 P-P

MODEL
REV: A

UNIT: mm SHEET:

ROHS

ITEM	PART NAME	MATERIAL	NUM	COLOR	FINISHING	REMARK

Pin Define

Connector PinNo.	MicroSD 4.0 Card Pin No.	Micro SD with UHS-II and SWIO support		
		Name	Type	Description
P1	P9	V _{DD2}	S	Supply voltage(1.8V)
P2	P1	DAT2	I/O	Data Line[Bit 2]
P3	P2	CD/DAT3	I/O	Card Detect/Data Line[Bit 3]
P4	P3	CMD	I/O	Command/Response
P5	P4	V _{DD1}	S	Supply voltage(3.3V)
P6	P5	CLK	I	Clock
P7		CD		
P8	P6	V _{SS}	S	Supply voltage ground
P9	P7	DAT0/RCLK+	I/O	Data Line[Bit 0]/RCLK+
P10	P8	DAT1/RCLK-	I/O	Data Line[Bit 1]/RCLK-
P11	P17	SWIO	I	Single Wire Protocol Interface
P12	P10	V _{SS}	S	Supply voltage ground
P13	P11	D0+	I/O	UHS-II D0+
P14	P12	D0-	I/O	UHS-II D0-
P15	P13	V _{SS}	S	Supply voltage ground
P16	P14	D1-	I/O	UHS-II D1-
P17	P15	D1+	I/O	UHS-II D1+
P18	P16	V _{SS}	S	Supply voltage ground
P19	GND		GROUND	

Specification

*Electrical Characteristics:

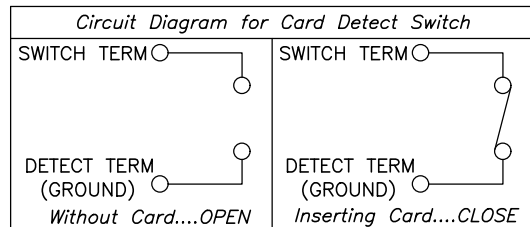
Contact Current Rating: 0.5 Amperes.
 Dielectric Withstanding Voltage: AC500Vrms.
 Insulation Resistance: 1000 MΩ Minimum.
 Contact Resistance: 100 mΩ Maximum.

*Environmental:

Operating Temperature: -25°C~+85°C.

*Mechanical Characteristics:

Mating Cycles: Office Environment 3,000 Cycles.
 Harsh Environment 1,500 Cycles.
 Total Insertion/Pulling Force: 1.0N~80N.



Part No: 2LS00P0017	
HJ-Tech 东莞市皇捷通讯科技有限公司 DONGGUAN HUANGJIE COMMUNICATION TECHNOLOGY CO., LTD.	
ARTICLE: Micro SD 4.0 P-P	
MODEL	REV: A
SCALE: 1:1 UNIT: mm SHEET:	

REV.	REVISIONNOTE	DATE	TOLERANCE
A	新发行		X. ±0.38 X.* ±4°
			X.X ±0.25 X.X* ±2°
			X.XX ±0.20
			X.XXX ±0.15
DRAWN	Wesker		PROJECTION
DES'D			
CHK'D			
APPV'D			

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