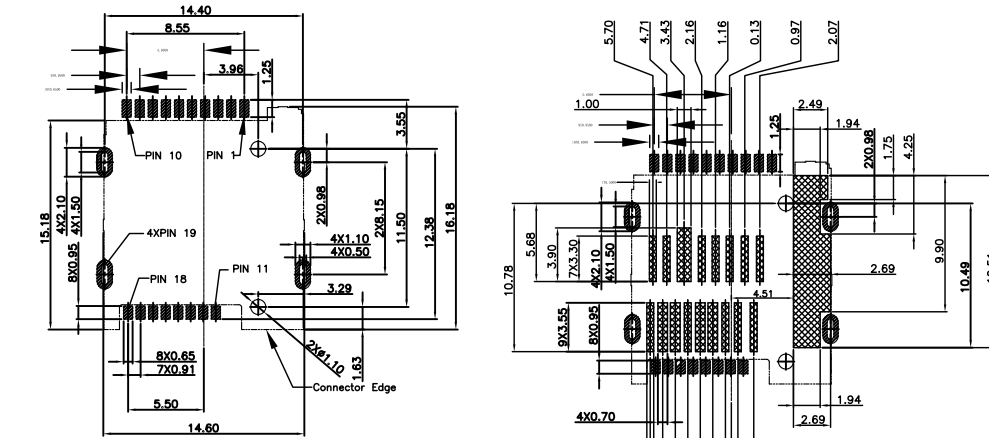


Pin Define

Connector PinNo.	MicroSD 4.0 Card Pin No.	Name	Type	Description
P1	P9	V <sub>ccs</sub>	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 <sub>cc</sub>	S	Supply voltage(3.3V)
P6	P5	CLK	I	Clock
P7		CD		
P8	P6	V <sub>ss</sub>	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 <sub>ss</sub>	S	Supply voltage ground
P13	P11	D0+	I/O	UHS-II D0+
P14	P12	D0-	I/O	UHS-II D0-
P15	P13	V <sub>ss</sub>	S	Supply voltage ground
P16	P14	D1-	I/O	UHS-II D1-
P17	P15	D1+	I/O	UHS-II D1+
P18	P16	V <sub>cc</sub>	S	Supply voltage ground
P19	GND	GROUND		




PCB PATTERN LAYOUT  
(GENERAL TOLERANCE:±0.05)


▨ PAD  
■ No trace, No test point,  
No via hole, No ground area

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.
- \*Material:  
Insulator:HI-Temp Plastic UL 94V-0 Rated.  
Contact:Copper Alloy.  
Shell:Stainless Steel.



## 深圳市华宇创精密电子有限公司

<b>TOLERANCE:</b> X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X' ±2" X.X" ±0.5"	<b>DRAWN BY :</b> 陈一鸣	<b>DATE :</b> 2014-02-23	<b>PART NAME:</b> Micro SD 4.0 PUSH 1.45H
	<b>CHECKED BY:</b> 马跃	<b>DATE :</b> 2014-02-23	<b>PART NO.</b> HYCW03-MSD18-145B
 <b>UNIT: mm [inch]</b> <b>SCALE:1:1 SIZE: A4</b>	<b>APPROVED BY:</b> 邱敏	<b>DATE :</b> 2014-02-23	<b>DRAW NO:</b> HYC-2401030927
			<b>SHEET NO.</b> 1 OF 1