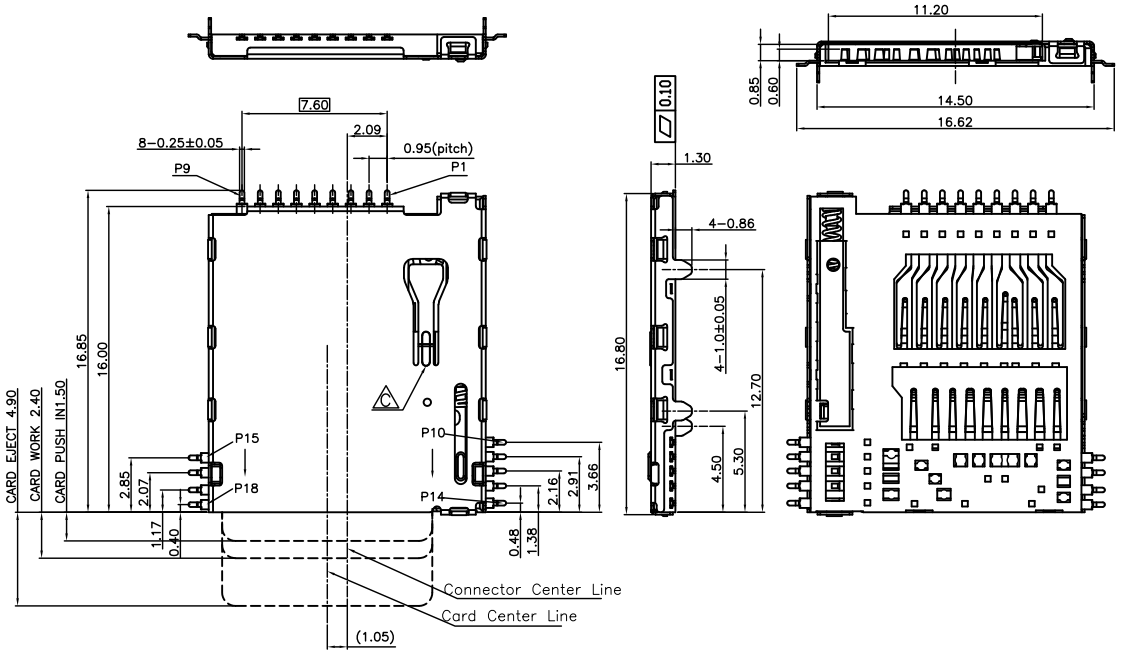
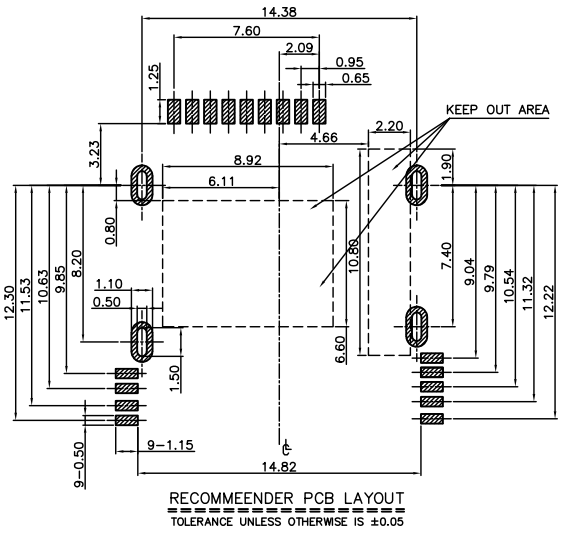
www.dzyjzj.com Tel:0755-27575531 Fax:0755-27576267



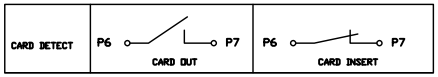


RECOMMEENDER PCB LAYOUT
TOLERANCE UNLESS OTHERWISE IS ±0.05

PIN DEFINE:

PIN#	NAME	DESCRIPTION	PIN#	NAME	DESCRIPTION
1	DAT2	DATA LINE BIT2	11	SWIO	SINGLE WIRE PROTOCOL INTERFACE
2	CD/DAT3	CARD DETECT/DATA LINE BIT3	12	VSS2	SUPPLY VOLTAGE GROUND
3	CMD	COMMAND/RESPONSE	13	DO+	DIFFERENTIAL DATE O+
4	VDD1	SUPPLY VOLTAGE	14	DO-	DIFFERENTIAL DATE O-
5	CLK	CLOCK	15	VSS3	SUPPLY VOLTAGE GROUND
6	CD	CARD DETECT	16	DI+	DIFFERENTIAL DATE I+
7	VSS1	SUPPLY VOLTAGE GROUND	17	DI-	DIFFERENTIAL DATE I-
8	DAT0	DATA LINE BIT0	18	VSS4	SUPPLY VOLTAGE GROUND
9	DAT1	DATA LINE BIT1			
10	VDD2	SUPPLY VOLTAGE(1.8V)			

SPECIFICATION
- MATERIAL
  - Insulator: LCP S475 BLACK, Rated UL94V-0
  - Contacts: C5210R-H T=0.12
  - Shell: SUS304 1/2H T=0.12
- CONTACT PLATING
  - Underplate: 50u"~100u" Nickel
  - Contact area: Gold Flash
  - Solder tails area: 100u"~200u" Tin
- ELECTRICAL
  - Operation voltage: 10V
  - Current rating: 0.5A min.
  - Contact resistancr: 100mohms
  - Insulation resistance: 1000Mohms
  - Dielectric withstanding voltage: 500V AC/Minute
  - Temperature range: -20°C to +60°C
  - Mating cycles: 5000 insertions



深圳市华宇创精密电子有限公司

TOLERANCE: X.X ±0.30, X.XX ±0.25, X.XXX ±0.15, X.° ±2°, X.X° ±0.5°	DRAWED BY: 陈一鸣	DATE: 2014-02-23	PART NAME: Micro SD 4.0 PUSH 板上1.3H
	CHECKED BY: 马跃	DATE: 2014-02-23	PART NO.: HYCW02-MSD18-130B
UNIT: mm [inch]	APPROVED BY: 邱敏	DATE: 2014-02-23	MOLD NO.:
SCALE:1:1 SIZE: A4			DRAW NO.: HYC-2401030920
			SHEET NO.: 1 OF 1