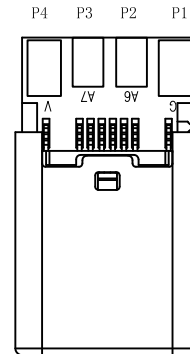
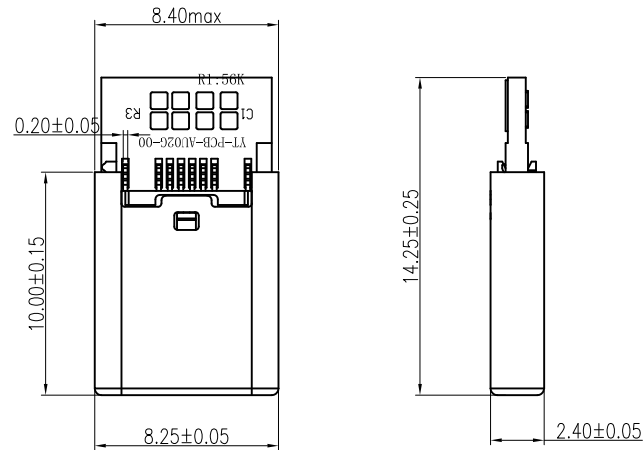


REV	ECN #	DESCRIPTION	DRAWING	APPROVED	DATE
A		NEW RELEASE	JIANG		2018/07/19



PRODUCT NO.

PATC01-16 C X XX XX-XX
① ② ③ ④ ⑤ ⑥ ⑦

- ① PRODUCT SERIES:
PATC01: USB TYPE_C PLUG WITH PCB
- ② PIN NO. :
16: 16PIN
- ③ HOUSING MATERIAL:
C: LCP
- ④ COLOR:
B: BLACK
W: WHITE
- ⑤ FINISHING:
15: Au300", Sn100u"
16: Au50", Sn100u"
05: Au10", Sn100u"
- ⑥ SERIES NO. :
00: WITHOUT SPRING
03: WITH SPRING
- ⑦ PCB TYPE:
01: TYPE C 2.0 Rp 56K
02: TYPE C 2.0 Rd 5.1K

NOTES:

1.MATERIAL

- 1.1.HSG: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK;
1.2.CONTACT: COPPER ALLOY
1.3.LATCH: STAINLESS STEEL
1.4.EMI SPRING: STAINLESS STEEL
1.5.SHELL: STEEL

2. FINISH:

2.1 CONTACT:

- 0.762um [30u"] MIN, Au PLATING ON CONTACT AREA.
2.54um [100u"] MIN. TIN PLATING ON SOLDER TAIL AREA.
1.27um [50u"] MIN. NICKEL UNDERPLATING ON ALLOVER AREA.

2.2 SHELL

Ni PLATING OVERALL

2.3 LATCH:

- 2.54um [100u"] MIN. TIN PLATING ON SOLDER TAIL AREA.
1.27um [50u"] MIN. NICKEL UNDERPLATING ON ALLOVER AREA.

3.ELECTRICAL CHARACTERISTICS:

- 3.1 CONTACT RESISTANCE: 40mΩ MAX.(INITIAL)
3.2 INSULATION RESISTANCE: 100MΩ MIN.
3.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC
FOR 1 MINUTE.

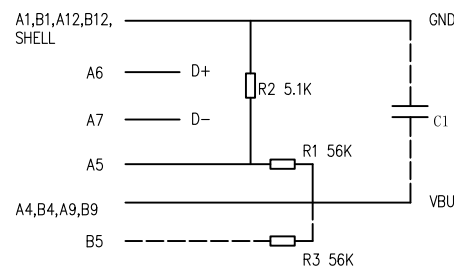
4.MECHANICAL CHARACTERISTICS:

- 4.1 INSERTION FORCE: 0.5~2.0KG(5N~20N).
4.2 WITHDRWAL FORCE: 0.8~2.0KG(8N~20N)
4.3 DURABILITY:10000 CYCLES
5.ENVIRONMENTAL CHARACTERISTICS:
5.1 OPERATING TEMPERATURE: -30° TO +85°
5.2 STORAGE TEMPERATURE: -40° TO +85°

CONTACT FIGURE:

CONN PIN	PCB PIN
A1,A12,B1,B12,SHELL	P1
A6	P2
A7	P3
A4;A9,B4,B9	P4

电路图:



CUSTOMER DRAWING

GENERAL TOLERANCE	
X.	
.X	±0.20
.XX	±0.15
.XXX	±0.10
ANGEL TOLERANCE	
X.	±3°
.XX	±2°
.XXX	±1°



东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONICS CO., LTD.

DRAWING		JIANG		TITLE: USB TYPE C PLUG 16Pin ASSY WITH PCB FOR 2.0 DATA							
APPROVED				P/N: SEE TABLE							
DATE		2018.07.20		DRAWING NO. XB-PATC01-0B							
		UNIT	mm	SCALE	1:1	SIZE	A4	SHEET	1 of 1	REV	A

P/N	Finshing	COLOR	PCB TYPE
PATC01-16CB1600-01	Au5u", Sn100u"Min	BLACK	Rp 56K
PATC01-16CB1600-02	Au5u", Sn100u"Min	BLACK	Rd 5. 1K