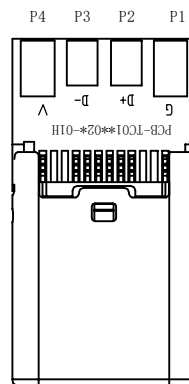
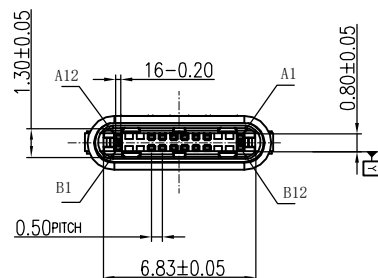
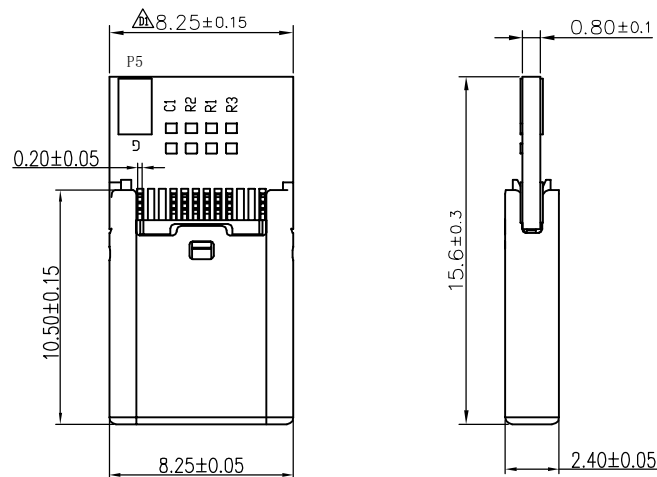


符合RoHS 2.0、HF最新要求



REV	ECN #	DESCRIPTION	DRAWING	APPROVED	DATE
C	---	依客户要求取消焊盘预上锡。	Bull		2020/09/28
D	---	依客户要求增加尺寸标注。	Bull		2020/11/10
D1	2106004	结构优化，使PCB宽度适配屏蔽壳。	Bull		2021/07/31



PRODUCT NO.

PATC01-16 C * ** ** -F0
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 μ , Sn100 μ
16: Au30 μ , Sn100 μ
05: Au1 μ , Sn100 μ
- ⑥ SERIES NO. :
00: WITHOUT SPRING
01: WITH SPRING
- ⑦ PCB TYPE:
F0: TYPE C 2.0 Rp 56K
FOA: TYPE C 2.0 Rp 56K 亮镍
FOB: TYPE C 2.0 Rd 5.1K

CONTACT FIGURE:

CONN PIN	PCB PIN	CABLE LINE
A1,A12,B1,B12,SHELL	P1&P5	黑色
A6	P2	绿色
A7	P3	白色
A4; A9,B4,B9	P4	红色

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:
SEE PRODUCT NO, Au PLATING ON CONTACT AREA.
2.54 μ m [100 μ] MIN. TIN PLATING ON SOLDER TAIL AREA.
1.27 μ m [50 μ] MIN. NICKEL UNDERPLATING ON ALLOVER AREA.
- 2.2 SHELL
Ni PLATING OVERALL
- 2.3 LATCH:
2.54 μ m [100 μ] MIN. TIN PLATING ON SOLDER TAIL AREA.

3.ELECTRICAL CHARACTERISTICS:

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

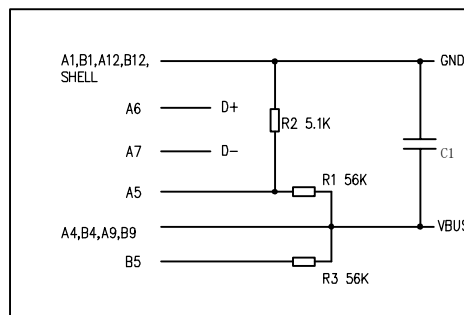
4.MECHANICAL CHARACTERISTICS:

- 4.1 INSERTION FORCE: 0.5~2.0KG(5N~20N).
- 4.2 WITHDRAWAL 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°

电路图:



CUSTOMER DRAWING

GENERAL TOLERANCE
X. ± 0.20
.XX ± 0.15
.XXX ± 0.10
ANGEL TOLERANCE
X. $\pm 3^\circ$
.XX $\pm 2^\circ$
.XXX $\pm 1^\circ$



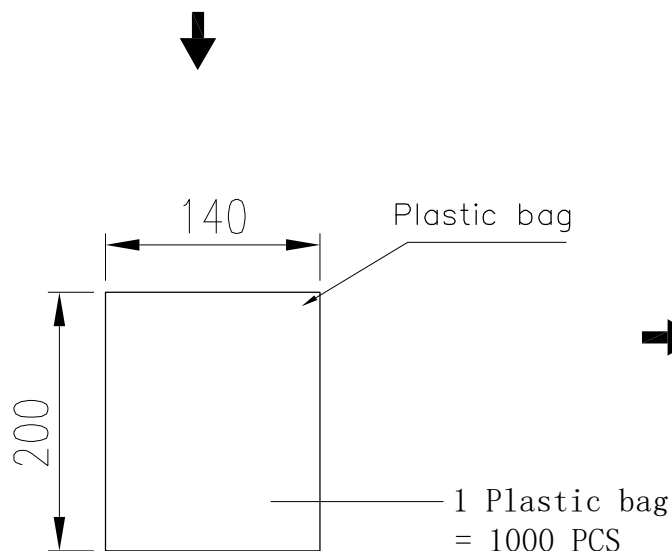
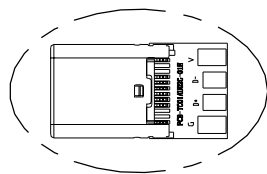
东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONICS CO., LTD.

DRAWING	Bull	TITLE:	USB TYPE C PLUG 16Pin 拉伸壳两侧开槽数据板2.0
APPROVED		P/N:	XB-PATC01-16C*****-F0* C-
DATE	2021.07.31	DRAWING NO.	PATC01-F0
UNIT	mm	SCALE	1:1
SIZE	A4	SHEET	1 of 2
REV	D1		

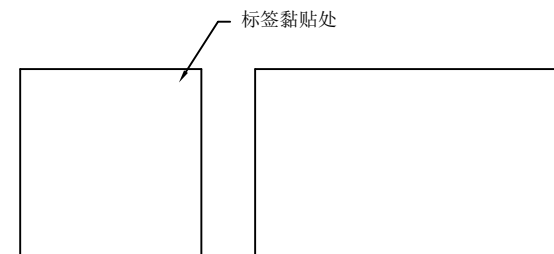
P/N	Finishing	COLOR	PCB TYPE
PATC01-16CB050*-F0	Au1 μ , Sn100 μ Min	BLACK	Rp 56K (R1)
PATC01-16CB050*-FOB	Au1 μ , Sn100 μ Min	BLACK	Rd 5.1K (R2)
PATC01-16CB160*-F0	Au3 μ , Sn100 μ Min	BLACK	Rp 56K (R1)

□ Packing Notes:

1. Plastic bag : 1000pcs/ Bag .
2. Carton : 10000pcs/ 10 Bags/ Carton.

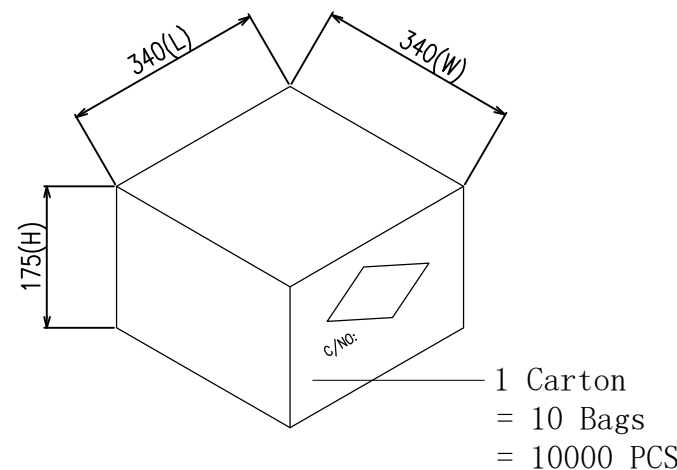


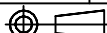
- 1) 用TAPE将纸箱封实.
- 2) 将标签贴于纸箱侧 麦上方.



备 注 (REMARK)

- 1). 若有未装满之零数箱, 必须以缓冲材塞满.
- 2). 在搬运过程中要轻拿轻放.
- 3). 在运输中不可堆放过多, 不可有重压现象.



CUSTOMER DRAWING	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.												
	GENERAL TOLERANCE	DRAWING	Bull.pan		TITLE: USB TYPE C PLUG 16Pin 拉伸壳两侧开槽数据板2.0 包装图								
	X. ±0.20 .XX ±0.15 .XXX ±0.10	APPROVED			P/N: XB-PATC01-16*****-F0								
	ANGEL TOLERANCE	DATE	2021.07.31		DRAWING NO. C-PATC01-F0								
	X. ±3° .XX ±2° .XXX ±1°			UNIT	mm	SCALE	1:1	SIZE	A4	SHEET	2of2	REV	D1