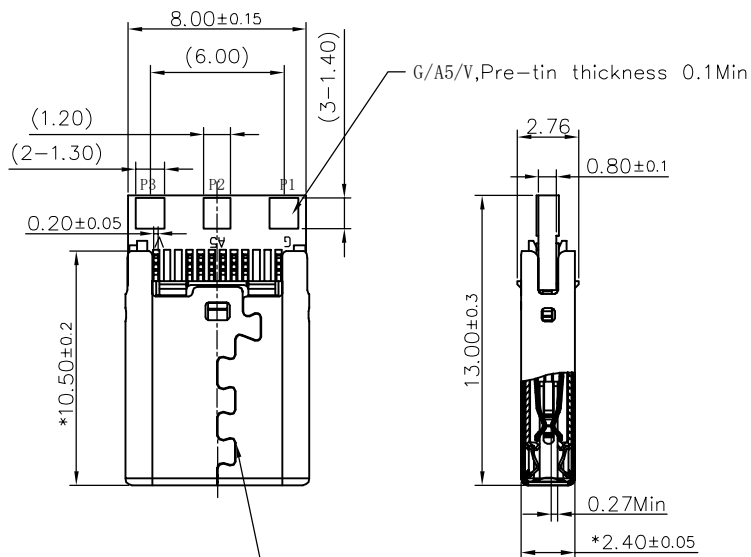


HSF

REV	ECN #	DESCRIPTION	DRAWING	APPROVED	DATE
X0		NEW RELEASE	Bull.pan		2022/05/17



PRODUCT NO.

PATC01-16 C * ** *-C*

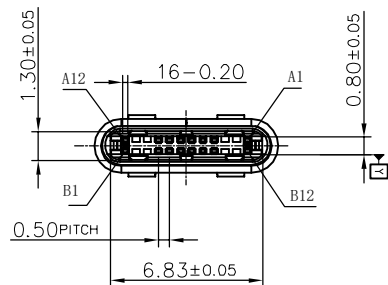
- ① PRODUCT SERIES:
PATC01: USB TYPE_C PLUG WITH PCB
- ② PIN NO.:
16: 16PIN
- ③ HOUSING MATERIAL:
C: LCP
- ④ COLOR:
B: BLACK
W: WHITE
- ⑤ FINISHING:
15: Au300"
16: Au3U"
05: Au1U"
- ⑥ SERIES NO.:
00: WITHOUT SPRING
01: WITH SPRING
- ⑦ PCB TYPE:
C3: No capacitance

NOTES:

1. ELECTRICAL CHARACTERISTICS:
- 1.1 CONTACT RESISTANCE: 40mΩ MAX.(INITIAL)
 - 1.2 INSULATION RESISTANCE: 100MΩ MIN.
 - 1.3 DIELECTIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE.
2. MECHANICAL CHARACTERISTICS:
- 2.1 INSERTION FORCE: 0.5~2.0KG(5N~20N).
 - 2.2 WITHDRAWAL FORCE: 0.8~2.0KG(8N~20N)
 - 2.3 DURABILITY: 10000 CYCLES
3. ENVIRONMENTAL CHARACTERISTICS:
- 3.1 OPERATING TEMPERATURE: -30° TO +85°
 - 3.2 STORAGE TEMPERATURE: -40° TO +85°

CONTACT FIGURE:

CONN PIN	PCB PIN
A1,A12,B1,B12,SHELL	P1
A5	P2
A4;A9,B4,B9	P3



⑥	PCB	1	FR4, t=0.80	UL94V-0,HF,Color:Blue
⑤	EMI Spring	2	Stainless steel(SUS301-H) t=0.10	Clear only
④	Shell	1	Stainless steel(SUS304-1/2H) t=0.15	Over All: Ni 30u"Min
③	Latch	1	Stainless steel(SUS301-1/2H) t=0.40	Over All: Ni 20u"Min Solder Area: Matte Tin 80u"Min
②	Contacts	16	Phosphor bronze(C5210-H) t=0.15	Over All: Ni 40u"Min Contact Area: Au Solder Area: Matte Tin 80u"Min
①	Housing	1	High Temperature Plastic(LCP)	UL94V-0,Black,HF
NO.	DESCRIPTION	Q'TY	MATERIAL	REMARK

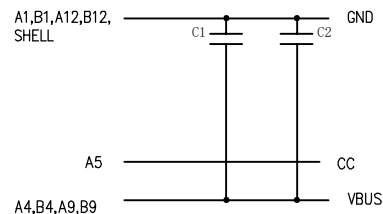
PIN CIRCUIT ASSIGNMENTS:

CUSTOMER DRAWING	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONI CS CO., LTD.											
	GENERAL TOLERANCE	DRAWING	Bull. pan		TITLE: USB TYPE C PLUG 16Pin Stamping shell C2C 2.0(3 Pads)							
	X .X ±0.20 .XX ±0.15 .XXX ±0.10	APPROVED			P/N: XB-PATC01-16C*****-C3*							
	ANGEL TOLERANCE X. ±3° .XX ±2° .XXX ±1°	DATE	2022.05.17		DRAWING NO. C-PATC01-C3							
		UNIT	mm	SCALE	1:1	SIZE	A4	SHEET	1of2	REV	X0	

USB TYPE-C PIN ASSIGNMENTS:

A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND			VBUS	SBU1	Dn1	CC1	VBUS				GND
GND			VBUS	CC2	Dp2	Dn2	SBU2	VBUS			GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

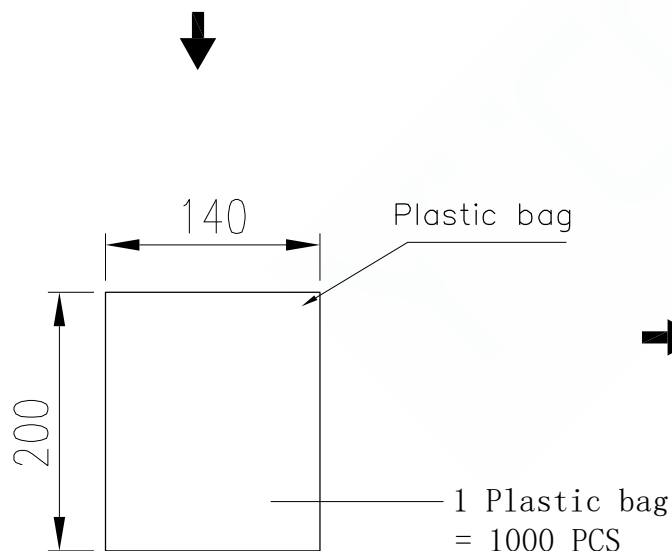
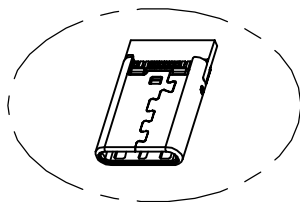
P/N	Finshing	PCB COLOR	PCB TYPE
PATC01-16CB16**-C3	Au3u", Sn80u"Min	BLUE	No capacitance



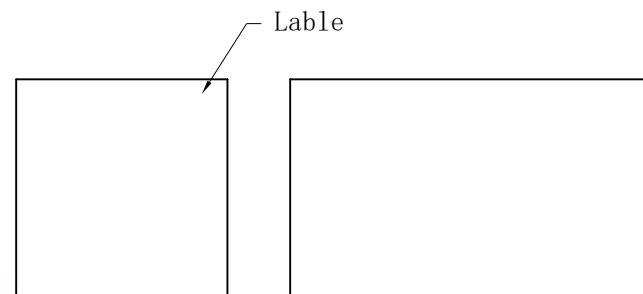
HSF

□ Packing Notes:

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

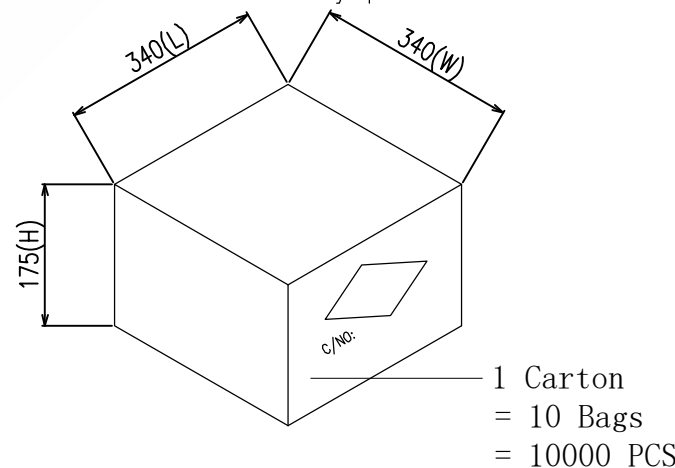


- 1) Seal the carton with tape;
- 2) Attach the label to the side of the carton.



REMARK:

- 1).If there are empty zero boxes, they must be filled with buffer materials.
- 2). Handle with care during handling.
- 3). During transportation, do not stack too much and do not have heavy pressure.



PACKING DRAWING



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

GENERAL TOLERANCE
X.
.X ±0.20
.XX ±0.15
.XXX ±0.10

ANGEL TOLERANCE
X. ±3°
.XX ±2°
.XXX ±1°

DRAWING

Bull.pan

APPROVED

DATE

2022.05.17

TITLE: USB TYPE C PLUG 16Pin
Stamping shell C2C 2.0(3 Pads)

P/N: XB-PATC01-1 6****-C3*

DRAWING NO. C-PATC01-C3



UNIT mm SCALE 1:1 SIZE A4 SHEET 2of2 REV X0