

环保物料 HF

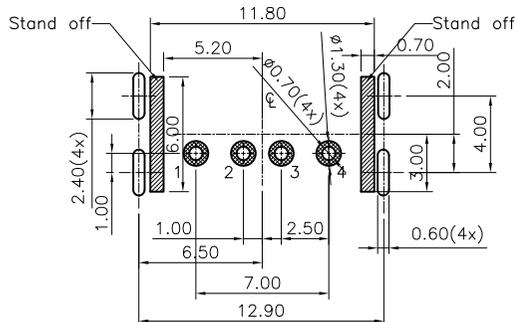
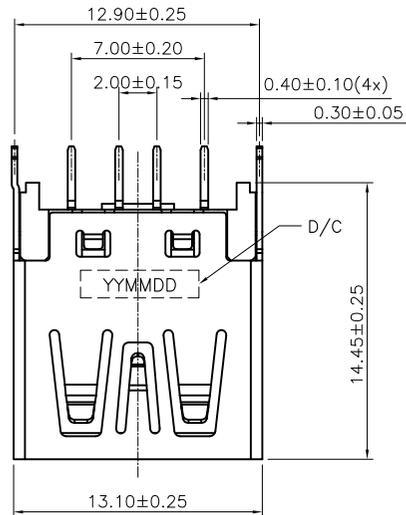
NOTES:

- MATERIAL:
  - Housing: LCP+30%G.F.UL94V-0,Black.
  - Contact: Copper Alloy.
  - Shell: Stainless Steel.
- PLATING:
  - Contact: Au Plated on Contact Area, Matt-Sn 100u" Plated on Solder Tails.
  - Shell: Ni 50u" min UnderPlated.
- MECHANICAL CHARACTERISTIC
  - Mating Force: 35N(3.57Kgf) max.
  - Unmating Force: 10N(1.02Kgf) min(Initial), 8N(0.816Kgf) min(After).
  - Durability: 1500 Cycles.
- ELECTRICAL CHARACTERISTIC
  - Contact Resistance: 30m Ohm Max.
  - Insulation Resistance: 1000M Ohm Min
  - Dielectric Withstanding Voltage: 500V AC Min
- TEMPERATURE
  - Openrating Temperature: -40°C~+85°C
  - Storage Temperature: -60°C~+105°C

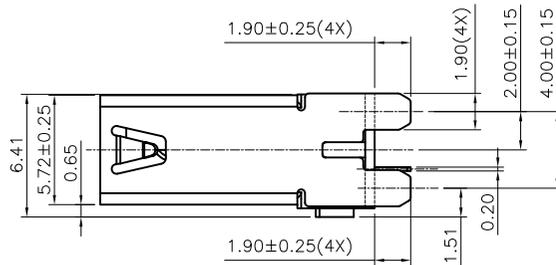
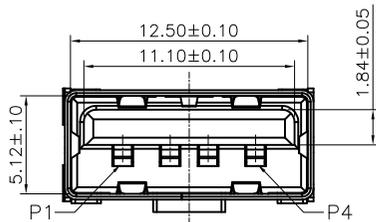
N2A-F L144 D V L A 3-A5 XX

1 2 3 4 5 6 7 8 9 10

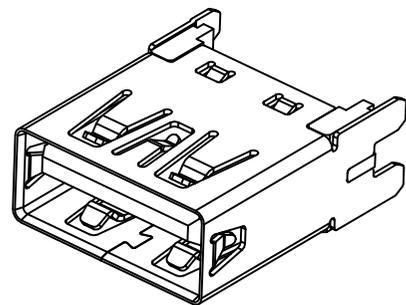
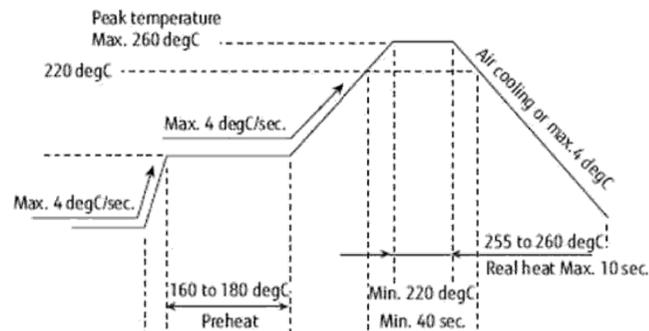
- N2A:USB 2.0 A TYPE
- F:FEMALE
- L144=直立式 板上高度14.45mm
- D:DIP
- V:180°
- L:LCP
- COLOR A:黑色
- 外壳脚 3:直脚
- TYPE码: A5:不带翻边
- Contact Area plating on contacts
  - 01: G/F
  - 03: Au 3u"
  - 05: Au 5u"
  - 10: Au 10u"
  - 15: Au 15u"
  - 30: Au 30u"



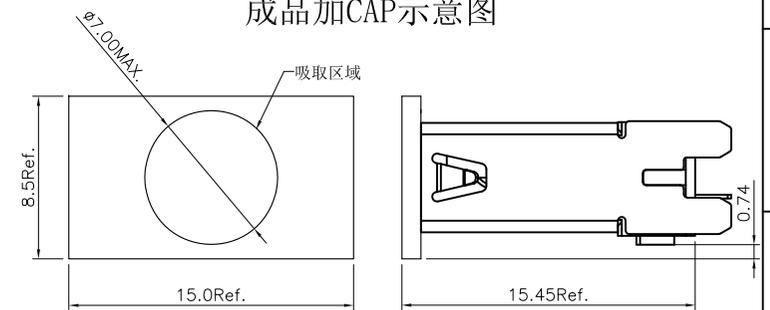
RECOMMENDED PCB LAYOUT (TOP VIEW)  
GENERAL TOLERANCES:±0.05



6.0 REFLOW PROFILE



成品加CAP示意图



Contact Number	Signal Name
PIN1	VBUS
PIN2	D-
PIN3	D+
PIN4	GND
Shell	Shield

REV.	REVISION RECORD	DATE	UNIT: MM	GENERAL TOLERANCES	SCALE 1:1	NAME	DATE	PART NO.	DWG NO.	 TERMINAL&CONNECTORS	
A0	The new version file were released	2023.05.26	SIZE: A4	LINEAR	APPROVED	Frey Yang	2023.06.28	N2A-FL144DVLA3-A5XX	ENDE05		
A1	更新尺寸	2023.06.28		ANGLES		Daniel Dong	2023.06.28				
			0.00±0.35	X° REF±6°	DESIGNER	Li Xing Ze	2023.06.28	TITLE			
			0.00±0.25	X° ±3°	DRAWN			USB2.0 A TYPE RECEPTACLE VERTICAL DIP H=14.45mm			
			0.000±0.15	X° X' ±2°				REV	A1	SHEET	1/1

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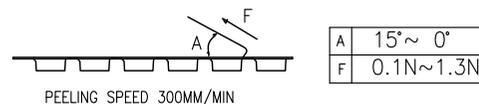
PACKAGING INSTRUCTION:

1. STAPLES SHOULD ONLY BE USED TO SET UP CARTON  
ALL CARTONS CLOSURES MUST BE DONE WITH TAPE.
2. FILL PACKAGING REEL WITH THE QUANTITIES AS INDICATED  
IN THE CHART.

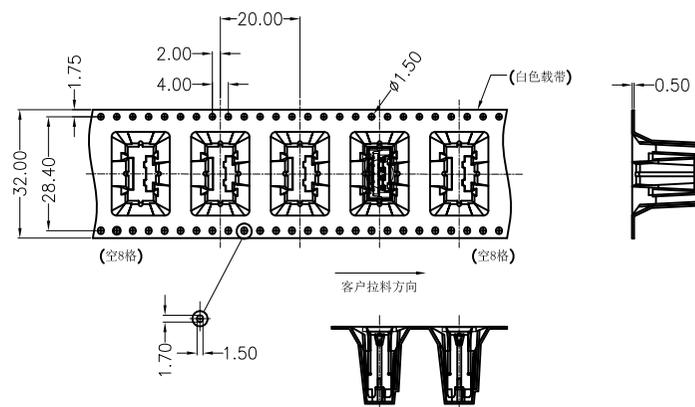
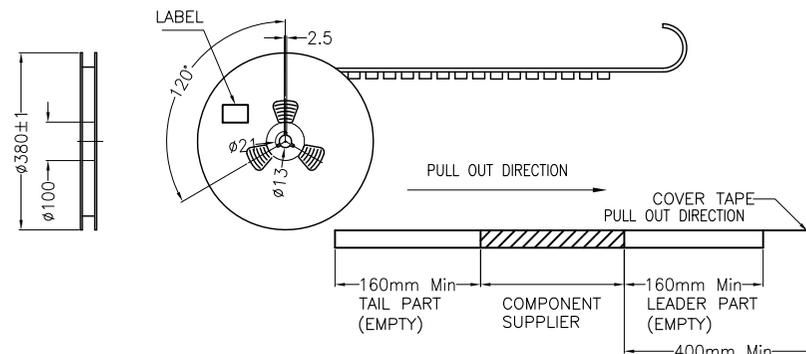
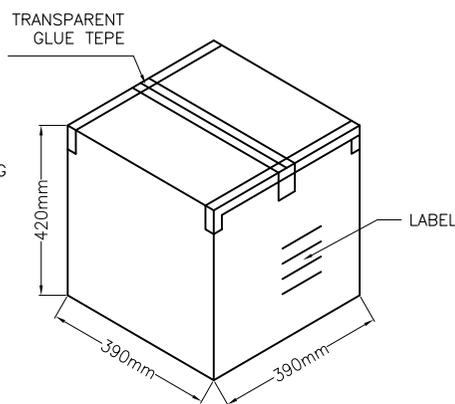
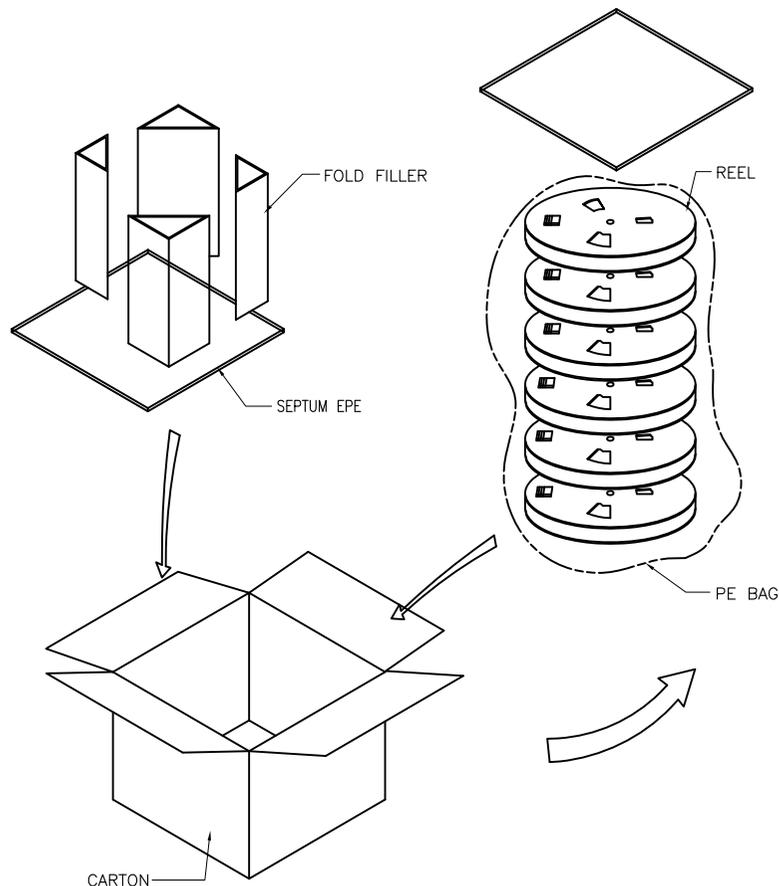
PRODUCT P/N	PARTS PER SHIPPING CARTON	PARTS PER REEL (S.P.Q.)	TOTAL REELS PER PRIMARY CARTON
N2A-FL144DVL3-A5XX	1800 (PCS)	180 (PCS)	10

1. QUANTITY: 180 PCS

2. COVER TAPE PEELING FORCE:



3. PART DIMENSIONS MEET EIA-481-D REQUIREMENT



REV.	REVISION RECORD	DATE	UNIT: MM	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.	 TERMINAL & CONNECTORS		
AO	The new version file were released	2023.05.26		LINEAR	ANGLES	1:1	Frey Yang	2023.05.26	N2A-FL144DVL3-A5XX	ENDE05			
			0.0 ± 0.35	X° REF ± 6°	APPROVED	Daniel Dong	2023.05.26	TITLE	VERTICAL DIP H=14.45mm				
			0.00 ± 0.25	X° ± 3°	DESIGNER	Li Xing Ze	2023.05.26						
			SIZE: A4	0.000 ± 0.15	X° X' ± 2°	DRAWN				REV	AO	SHEET	1/1