



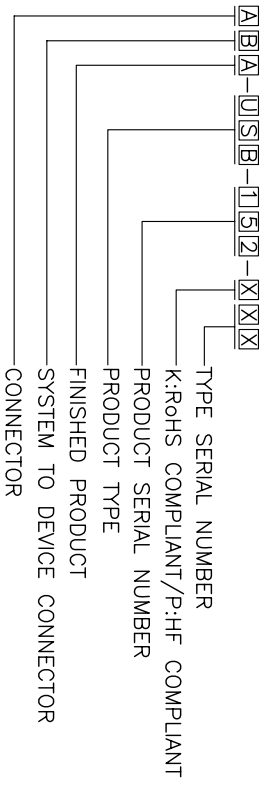
REV.	ECN NO./DESCRIPTION	DATE
2	N130108	13/04/20
3	N130641	13/09/09
3A	R140185	14/04/16

TABLE 1 : PIN ASSIGNMENT AND DESCRIPTION

PIN NO.	SIGNAL	DESCRIPTION
1	Vbus	Power
2	IntA_P1_SSRX-	USB3 ICC Port1 SuperSpeed Rx-
3	IntA_P1_SSRX+	USB3 ICC Port1 SuperSpeed Rx+
4	GND	GND
5	IntA_P1_SSTX-	USB3 ICC Port1 SuperSpeed Tx-
6	IntA_P1_SSTX+	USB3 ICC Port1 SuperSpeed Tx+
7	GND	GND
8	IntA_P1_D-	USB3 ICC Port1 D- (USB2 Signal D-)
9	IntA_P1_D+	USB3 ICC Port1 D+ (USB2 Signal D+)
10	ID	Over Current Protection
11	IntA_P2_D+	USB3 ICC Port2 D+ (USB2 Signal D+)
12	IntA_P2_D-	USB3 ICC Port2 D- (USB2 Signal D-)
13	GND	GND
14	IntA_P2_SSTX+	USB3 ICC Port2 SuperSpeed Tx+
15	IntA_P2_SSTX-	USB3 ICC Port2 SuperSpeed Tx-
16	GND	GND
17	IntA_P2_SSRX+	USB3 ICC Port2 SuperSpeed Rx+
18	IntA_P2_SSRX-	USB3 ICC Port2 SuperSpeed Rx-
19	Vbus	Power

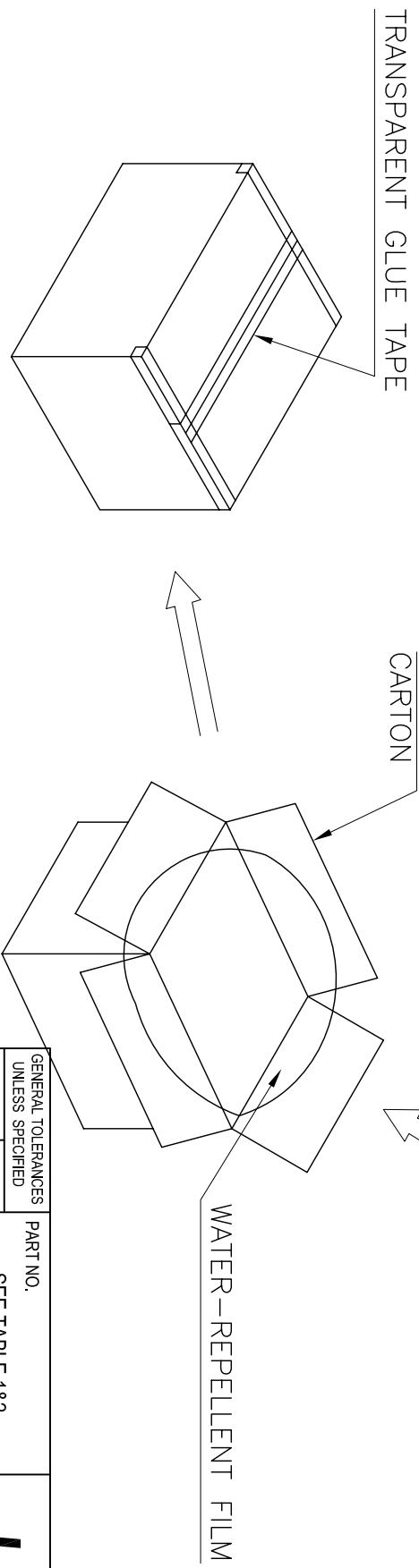
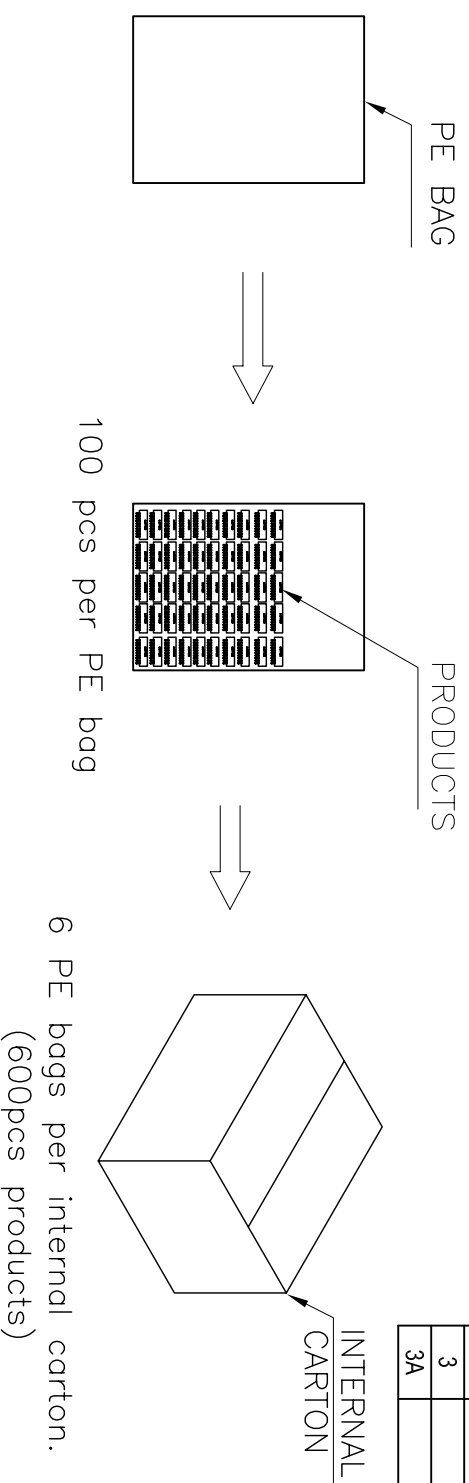
NOTES:

- MATERIAL SPECIFICATION:
  - HOUSING:SEE TABLE 1&2
  - CONTACTS:BRASS.
- PLATING SPECIFICATION:
  - 1.1.NI 50u" MIN. UNDERPLATED OVER ALL.
  - 2.AU PLATING ON CONTACT AREA(SEE TABLE).
- MECHANICAL PERFORMANCE:
  - 1.INSERTION FORCE: 3.5kgf MAX.
  - 2.REMOVAL FORCE: 1.5kgf MIN.
  - 3.CONTACT RETENTION FORCE:1kgf MIN. PER CONTACT
- ELECTRICAL PERFORMANCE:
  - 1.CURRENT RATING: 0.5A/PIN MIN EXCEPT THAT VBUS PIN IS 1.5A.
  - 2.LLCR: INITIAL 30 mΩ OF A MATED CONNECTOR, LLCR MAX. CHANGE OF ALL PINS 20 mΩ . IMPEDANCE: 78~105Ω DURING 50PS WITH TDR.
  - 3.INSULATION RESISTANCE: 100MΩ MIN.
  - 4-4.DIELECTRIC WITHSTANDING VOLTAGE: AC 500V FOR 1 MINUTE.
- ENVIRONMENT COMPLIANT & COLOR REFER TO TABLE 2.
- XX XX  
WW YY
- WAVE SOLDERING TEMPERATURE:265±5°C FOR 10 SECONDS MAX.
- PRODUCT NUMBER NOTE:



GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	TITLE	
X ± 0.35	X° ± 3°	SEE TABLE 1&2	<b>LOTES</b>	
.XX ± 0.25	.X° ± 2°	APPROVED BY Allan	Internal USB 3.0 DIP Receptacle	
XXX ± 0.15	.XX° ± 1°	CHECKED BY Eric	DWG NO. GAP-ABA-USB-152	
CUSTOMER DRAWING		DRAWN BY Yang qian	SHEET SCALE REV	
SIZE UNITS	MM[INCH]		2 / 3	2:1 3A

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Put the 10 internal cartons of products into a water-repellent film, then put all of them into a outside carton. (6000pcs products)

GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.		TITLE	
X ± 0.35	X° ± 3°	SEE TABLE 1&2		<b>LOTES</b>	
.XX ± 0.25	.X° ± 2°	APPROVED BY		Internal USB 3.0 DIP Receptacle	
.XXX ± 0.15	.XX° ± 1°	Allan			
CUSTOMER DRAWING		CHECKED BY		DWG NO.	
Eric		Eric		GAP-ABA-USB-152	
SIZE	UNITS	DRAWN BY		SHEET	
A4	MM [INCH]	Yang qian		3 / 3	
			SCALE		REV
			2:1		3A

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TABLE 1:

NO.	PART NO.	PLATING SPEC.	COLOR	ENVIRONMENT COMPLIANT	MATERIAL	DIM.A	
F	20	ABA-USB-152-K14	Au 1u"	MOSS GREEN (PANTONE 5753C)	ROHS	PA46+40%GF UL94-V0	2.50
	19	ABA-USB-152-K13	Au 1u"	GREEN (PANTONE 575C)	ROHS	PA46+40%GF UL94-V0	
	18	ABA-USB-152-K12	Au 1u"	GREEN (PANTONE 383C)	ROHS	PA46+40%GF UL94-V0	
	17	ABA-USB-152-K11	Au 1u"	GREEN (PANTONE 375C)	ROHS	PA46+40%GF UL94-V0	
	16	ABA-USB-152-K10	Au 1u"	GREY (PANTONE 431C)	ROHS	PA46+40%GF UL94-V0	
	15	ABA-USB-152-K09	Au 30u"	LIGHT BLUE (PANTONE 298C)	ROHS	PA46+40%GF UL94-V0	
D	14	ABA-USB-152-K08	Au 15u"	LIGHT BLUE (PANTONE 298C)	ROHS	PA46+40%GF UL94-V0	
	13	ABA-USB-152-K07	Au 1u"	LIGHT BLUE (PANTONE 298C)	ROHS	PA46+40%GF UL94-V0	
	12	ABA-USB-152-P06	Au 30u"	BLUE (PANTONE 300C)	HF	PA46+40%GF UL94-HB	
C	11	ABA-USB-152-P05	Au 15u"	BLUE (PANTONE 300C)	HF	PA46+40%GF UL94-HB	
	10	ABA-USB-152-P04	Au 1u"	BLUE (PANTONE 300C)	HF	PA46+40%GF UL94-HB	
	9	ABA-USB-152-K06	Au 30u"	BLUE (PANTONE 300C)	ROHS	PA46+40%GF UL94-V0	
B	8	ABA-USB-152-K05	Au 15u"	BLUE (PANTONE 300C)	ROHS	PA46+40%GF UL94-V0	
	7	ABA-USB-152-K04	Au 1u"	BLUE (PANTONE 300C)	ROHS	PA46+40%GF UL94-V0	
	6	ABA-USB-152-P03	Au 30u"	BLACK	HF	PA46+30%GF UL94-V0	
A	5	ABA-USB-152-P02	Au 15u"	BLACK	HF	PA46+30%GF UL94-V0	
	4	ABA-USB-152-P01	Au 1u"	BLACK	HF	PA46+30%GF UL94-V0	
	3	ABA-USB-152-K03	Au 30u"	BLACK	ROHS	PA46+40%GF UL94-V0	
	2	ABA-USB-152-K02	Au 15u"	BLACK	ROHS	PA46+40%GF UL94-V0	
	1	ABA-USB-152-K01	Au 1u"	BLACK	ROHS	PA46+40%GF UL94-V0	

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TABLE 2:

NO.	PART NO.	PLATING SPEC.	COLOR	ENVIRONMENT COMPLIANT	MATERIAL	DIM.A
25	ABA-USB-152-P27	Au 15u"	BLUE (PANTONE 300C)	HF	PA46+40%GF UL94-HB	2.86
24	ABA-USB-152-K27	Au 15u"	BLUE (PANTONE 300C)	ROHS	PA46+40%GF UL94-V0	
23	ABA-USB-152-K17	Au 15u"	RED (PANTONE 1795C)	ROHS	PA46+40%GF UL94-V0	
22	ABA-USB-152-K16	Au 1u"	BLUE (PANTONE 293C)	ROHS	PA46+40%GF UL94-V0	2.50
21	ABA-USB-152-K15	Au 1u"	RED (PANTONE 1795C)	ROHS	PA46+40%GF UL94-V0	