



REV.	ECN. NO.	APPD.
A	BC-10-0083713	ADWARD
B	BC-13-0087302	ADWARD
C	BC-15-0063319	ADWARD
CX1	20190624	Davy Bu

- NOTES:
- ELECTRICAL CHARACTERISTICS :
 - CONTACT CURRENT RATING:
 - 1.8 A FOR VBUS PIN AND ITS CORRESPONDING GND PIN.
 - 0.25 A MIN FOR ALL OTHER CONTACTS.
 - CONTACT RESISTANCE:
 - INITIAL 30 MILLIOHMS MAX FOR VBUS AND GND CONTACTS.
 - INITIAL 50 MILLIOHMS MAX FOR ALL OTHER CONTACTS.
 - AFTER DURABILITY 10 MILLIOHMS MAX CHANGE.
 - DIELECTRIC WITHSTANDING VOLTAGE : 100 VRMS AC MIN.
 - INSULATION RESISTANCE: 100 MEGOHMS MIN.
 - MECHANICAL CHARACTERISTICS :
 - CONNECTOR MATING FORCE: 35N MAX.
 - CONNECTOR UNMATING FORCE: 10N MIN INITIAL, 8N MIN AFTER DURABILITY.
 - DURABILITY: 5000 CYCLES.
 - OPERATING TEMPERATURE: -55°C TO +85°C
 - MEET USB3.0 STANDARD SPECIFICATION.
 - DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS ARE INCHES EQUIVALENTS.
 - RECOMMENDED PROCESS:
 - WAVE SOLDER 260°C, 3~5SECONDS.
 - THE CONNECTOR IS ROHS COMPLIANT.

PRODUCT NO.: **UEA 1 1 1 2 C - 4HK1 - 4 ***

Series Prefix: USB 3.0 A TYPE

Termination Type: 1: Right Angle Dip

Connector Type: 1: Female

No. of Contact Position: 1: 9 Pos.

Profile Height: 2: 4.13 MM

Lead Free Code: H: Halogen Free, F: Lead Free

Package Code: 4: Soft Tray Package

Extension Code

Contact Area Plating: C: 30u" Pd/Ni+GOLD FLASH

PIN ASSIGNMENT:

Pin No.	1	2	3	4	5	6	7	8	9
Signal Name	VBUS	D-	D+	GND	SSRX-	SSRX+	GND_DRAIN	SSTX-	SSTX+
Remark	USB2.0 Contact Pin				USB3.0 Contact Pin				

⑥	ORGANIZER	1	THERMOPLASTIC UL 94V-0	MOLDED COLOR: BLUE(PANTONE:PANTONE 300C).
⑤	FRAME	1	THERMOPLASTIC UL 94V-0	MOLDED COLOR: BLUE(PANTONE:PANTONE 300C).
④	USB2 CONTACT	4	COPPER ALLOY	30u" Pd/Ni+GOLD FLASH Au AT CONTACT AREA, LEAD FREE TIN ALLOY AT TERMINATION, NICKEL UNDERPLATING OVER ALL.
③	USB3 CONTACT	5	COPPER ALLOY	
②	INNER INSULATOR	1	THERMOPLASTIC UL 94V-0	MOLDED COLOR: BLUE(PANTONE:PANTONE 300C).
①	SHELL	1	STAINLESS STEEL	NICKEL PLATED OVERALL, KINK WITH LEAD FREE TIN ALLOY.

NO.	DESCRIPTION	QTY.	MATERIAL	TREATMENT
X.±	X°.±	UNITS	mm[inch]	NAME(INTENDED USE)
.X± 0.38[.015]	.X°.±	MAT'L	N/A	CUSTOMER
.XX± 0.25[.010]	.XX°.±	FINISH	N/A	PART NO.(INTENDED USE)
.XXX±	.XXX°.±	Q'TY	N/A	UEA1112C-4HK1-4*
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				CHKD:Cheery Chen 6/24'19
				DR: Tony Xu 6/24'19
				DWG NO.: 327-0000-2181
				SCALE SHEET REV.
				N/A 1/1 CX1

RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)

PCB THICKNESS: 1.60±0.05[.063±.002]mm

DEFAULT TOLERANCE: ±0.05[.002]

MOUNTING PANEL CUTOUT (INTERNAL SIDE)