

PRODUCT NO.: UEA 0 1 1 2 C - 4EH1 - 4 H

Series Prefix UEA: USB 3.0 A TYPE

Termination Type 0: Vertical Dip

Product Type 1: Receptacle

No. of Contact Position 1: 9 Pos.

Center Line Height 2: 4-5mm

Halogen Free Code H: Halogen Free

Package Code 4: Soft Tray Package

Extension Code

Contact Area Plating C: 30u" Pd/Ni + Gold Flash


REV.	ECN. NO.	APPD.
A	BC-12-0013721	Adward Zheng
B	BC-16-0052442	Adward Zheng
C	BC-18-0029999	Davy Bu

- NOTES :
- SPECIFICATION MEETS USB3.0 STABDARD SPECIFICATION.
  - ELECTRICAL CHARACTERISTIC:
    - 2-1: CONTACT CURRENT RATING: 1.8 A FOR VBUS PIN AND ITS CORRESPONDING GND PIN, 0.25 A MIN FOR ALL OTHER CONTACTS.
    - 2-2: CONTACT RESISTANCE: 30 MILLIOHMS MAX. FOR VBUS AND GND CONTACTS. 50 MILLIOHMS MAX. FOR OTHER CONTACTS.
    - 2-3: DIELECTRIC WITHSTANDING VOLTAGE: 100VAC MIN.
    - 2-4: INSULATION RESISTANCE: 100 MEGOHMS MIN.
  - MECHANICAL CHARACTERISTIC:
    - 3-1: CONNECTOR INSERTION FORCE: 35N MAX. AT A MAXIMUN RATE OF 12.5MM PER MINUTE.
    - 3-2: CONNECTOR EXTRACTION FORCE: 10N MIN INITIAL, 8N MIN AFTER DURABILITY. AT A MAXIMUN RATE OF 12.5MM PER MINUTE.
    - 3-3: DURABILITY: 5000 CYCLES.
    - 3-4: OPERATING TEMPERATURE: -55°C ~ +85°C.
  - DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS ARE INCHES EQUIVALENTS.
  - RECCMMEND PROCESS: WAVE SOLDER 260°C, 3-5SECONDS.
  - THE CONNECTOR IS ROHS COMPLIANT AND HALOGEN FREE .

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 Contact Pin				USB3 Contact Pin				

NO.	DESCRIPTION	QTY.	MATERIAL	TREATMENT
5	INNER INSULATOR	1	THERMOPLASTIC UL 94V-0	MOLDED COLOR: BLUE(PANTONE 300C).
4	USB3 CONTACT	5	COPPER ALLOY	NICKEL UNDERPLATING OVERALL; 30u" Pd/Ni + GOLD
3	USB2 CONTACT	4	COPPER ALLOY	FLASH AT CONTACT AREA; TIN ALLOY AT TERMINATION.
2	FRAME	1	THERMOPLASTIC UL 94V-0	MOLDED COLOR: BLUE(PANTONE 300C).
1	SHELL	1	STAINLESS STEEL	NICKEL PLATED OVERALL, HOOK WITH LEAD FREE TIN ALLOY.

X.±	X'.±	UNITS	NAME(INTENDED USE)	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.38[.015]	.X'±	mm[inch]	CUSTOMER	
.XX± 0.25[.010]	.XX'±	MAT'L	PART NO.(INTENDED USE) UEA0112C-4EH1-4H	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.XXX±	.XXX'±	FINISH	APPD: Dean Zhang 12/21'16	TITLE: USB 3.0 STANDARD-A VERTICAL TYPE RECEPTACLE
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			CHKD: David Wang 12/21'16	SCALE SHEET REV.
			DRAW: KeJi Song 12/21'16	N/A 1/1 C