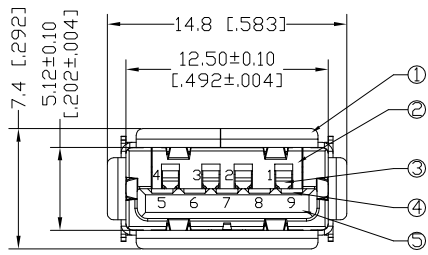


REV.	ECN. NO.	APPD.
A	BC-13-0084651	Adward Zheng



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

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

Lead Free Code F: Lead Free

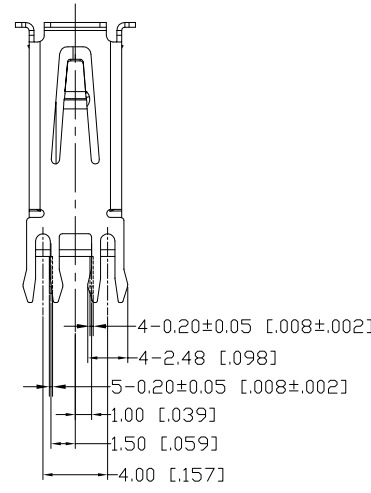
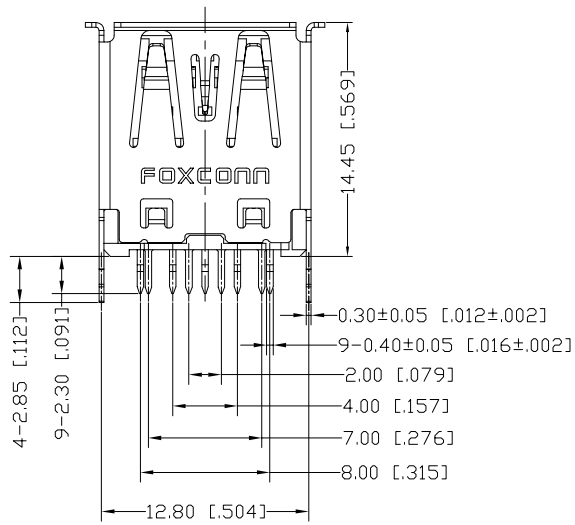
Package Code 4: Soft Tray Package

Extension Code

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

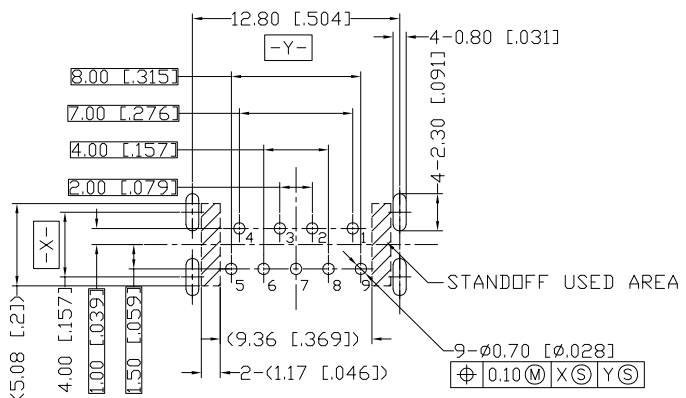
NOTES :

- SPECIFICATION MEETS USB3.0 STANDARD 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 MAXIMUM RATE OF 12.5MM PER MINUTE.
  - 3-2: CONNECTOR EXTRACTION FORCE: 10N MIN INITIAL, 8N MIN AFTER DURABILITY. AT A MAXIMUM 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.
- RECOMMENED PROCESS: WAVE SOLDER 260°C, 3~5SECONDS.
- THE CONNECTOR IS ROHS COMPLIANT .



PIN ASSIGNMENT:

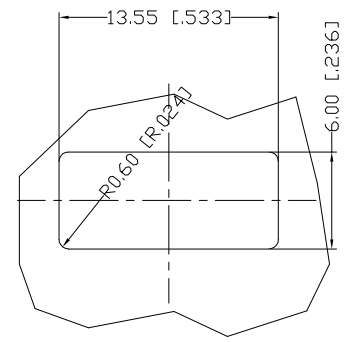
Pin No.	1	2	3	4	5	6	7	8	9
Signal Name	VBUS	D-	D+	GND	SSRX-	SSRX+	GND_DRAIN	SSTX-	SSTX+
Remark	USB2 Contact Pin				USB3 Contact Pin				



RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)

PCB THICKNESS: 1.60±0.05[±.063±.002]mm

DEFAULT TOLERANCE: ±0.05[±.002]



MOUNTING PANEL CUTOUT

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 FLASH AT CONTACT AREA; TIN ALLOY AT TERMINATION.
3	USB2 CONTACT	4	COPPER ALLOY	
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.
NO.	DESCRIPTION	QTY.	MATERIAL	TREATMENT

X.±	X°.±	UNITS	mm[inch]	NAME(INTENDED USE)	<b>FOXCONN®</b> FOXCONN INTERCONNECT TECHNOLOGY LIMITED. CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.X± 0.38[±.010]	.X°.±	MAT'L	N/A	CUSTOMER	
.XX± 0.25[±.010]	.XX°.±	FINISH	N/A	PART NO.(INTENDED USE)	TITLE:
.XXX±	.XXX°.±		N/A	UEA0112C-4EH1-4F	APPD: Dean Zhang 12/2'13
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				CHKD: Jesse Wang 12/2'13	DWG NO.:
				DR: Eason Bu 12/2'13	327-0000-2559
				SCALE	SHEET
				N/A	1/1
				REV.	A