

REV.	ECN. NO.	APPD.
A	BC-13-0019033	ADWARD
B	BC-14-0056916	ADWARD

SPECIFICATIONS :

- ELECTRICAL CHARACTERISTICS :
  - CONTACT CURRENT RATING :
    - USB 3.0 : 1.8 A FOR VBUS PIN AND ITS CORRESPONDING GND PIN.
    - 0.25 A MIN FOR ALL OTHER CONTACTS.
  - CONTACT RESISTANCE :
    - USB 3.0 : 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 V AC (RMS) MIN FOR USB 3.0.
  - INSULATION RESISTANCE: 100 MEGOHMS MIN. FOR USB 3.0.
- MECHANICAL CHARACTERISTICS:
  - CONNECTOR MATING FORCE: 35N MAX.
  - CONNECTOR UNMATING FORCE: 10N MIN INITIAL, 8N MIN AFTER DURABILITY.
  - DURABILITY: 5000 CYCLES FOR USB 3.0.
  - OPERATING TEMPERATURE: -55°C TO +85°C.
- DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS ARE INCHES EQUIVALENTS.
- RECOMMENED PROCESS: WAVE SOLDER 260°C, 3~5 SEC.
- RECOMMENDED PCB THICKNESS: 1.60±0.05[.063±.002]mm
- THE CONNECTOR IS ROHS COMPLIANT.

PRODUCT NO.: UEA 1 1 2 3 - MHD1 - 4 F

Series Prefix: UEA: USB 3.0 A TYPE

Termination Type: 1: Right Angle Type

Connector Type: 1: Female

No. of Contact Position: 1: 9 Pos.

Profile Height: 2: 4.13 mm

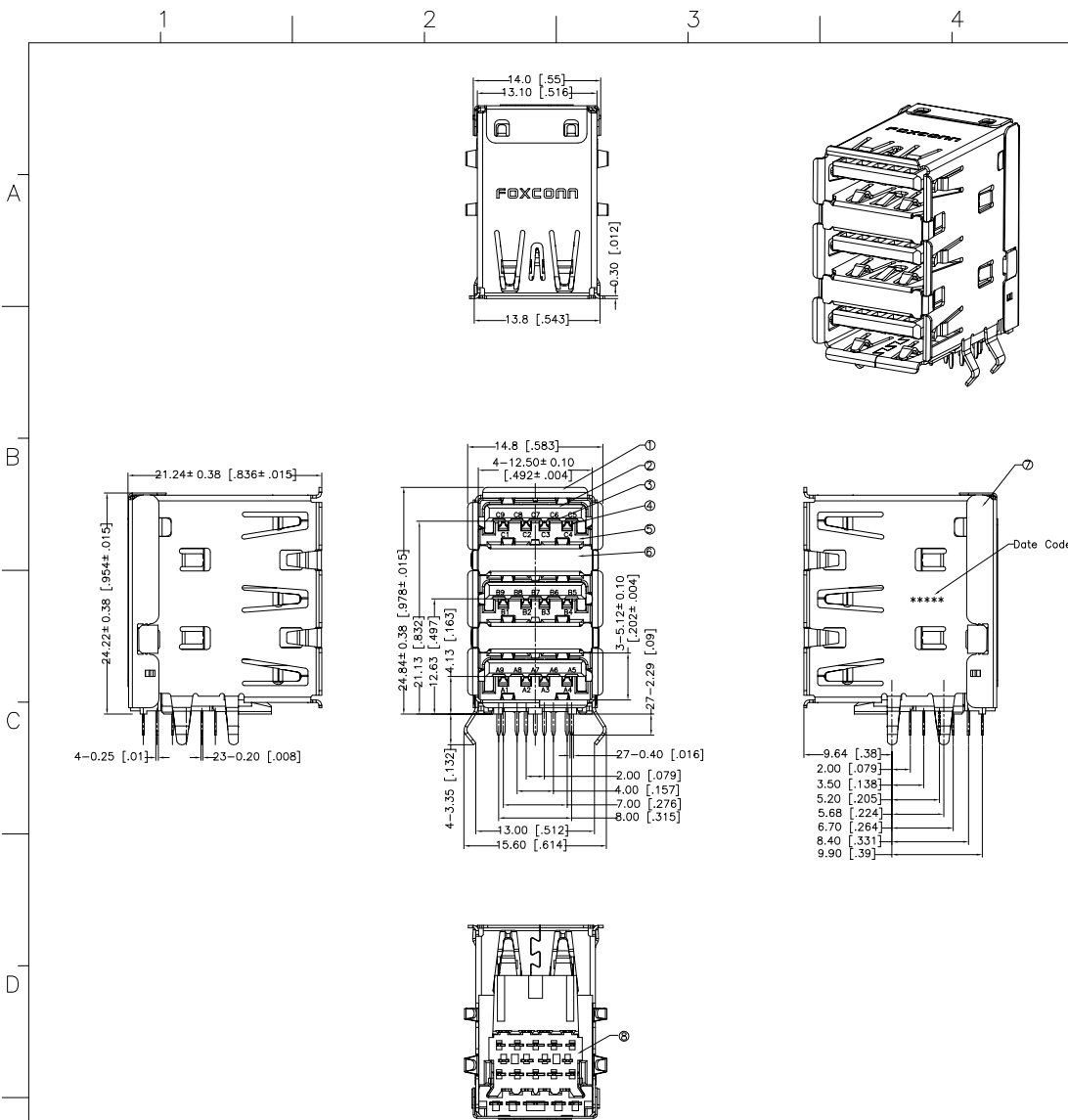
Pb Free Code: F: Pb Free

Package Code: 4: Soft Tray Package

Extension Code: Contact Area Plating: 3: 30u" Au Min

8	SPACER	1	THERMOPLASTIC UL 94V-0	MOLDED COLOR:BLACK
7	REAR SHELL	1	STAINLESS STEEL	CLEAN
6	FINGER	2	STAINLESS STEEL	CLEAN
5	FRAME	1	THERMOPLASTIC UL 94V-0	MOLDED COLOR:BLACK
4	USB2 CONTACT	12	COPPER ALLOY	30u" Min Au AT CONTACT AREA, LEAD FREE TIN ALLOY AT TERMINATION, NICKER UNDERPLATING OVER ALL
3	USB3 CONTACT	15	COPPER ALLOY	
2	INNER INSULATOR	3	THERMOPLASTIC UL 94V-0	MOLDED COLOR:BLUE(PANTONE:300C)
1	FRONT SHELL	1	STAINLESS STEEL	NI PLATED OVER ALL, TIN ALLOY(LEAD FREE) PLATED AT KINK
NO.	DESCRIPTION	QTY.	MATERIAL	TREATMENT

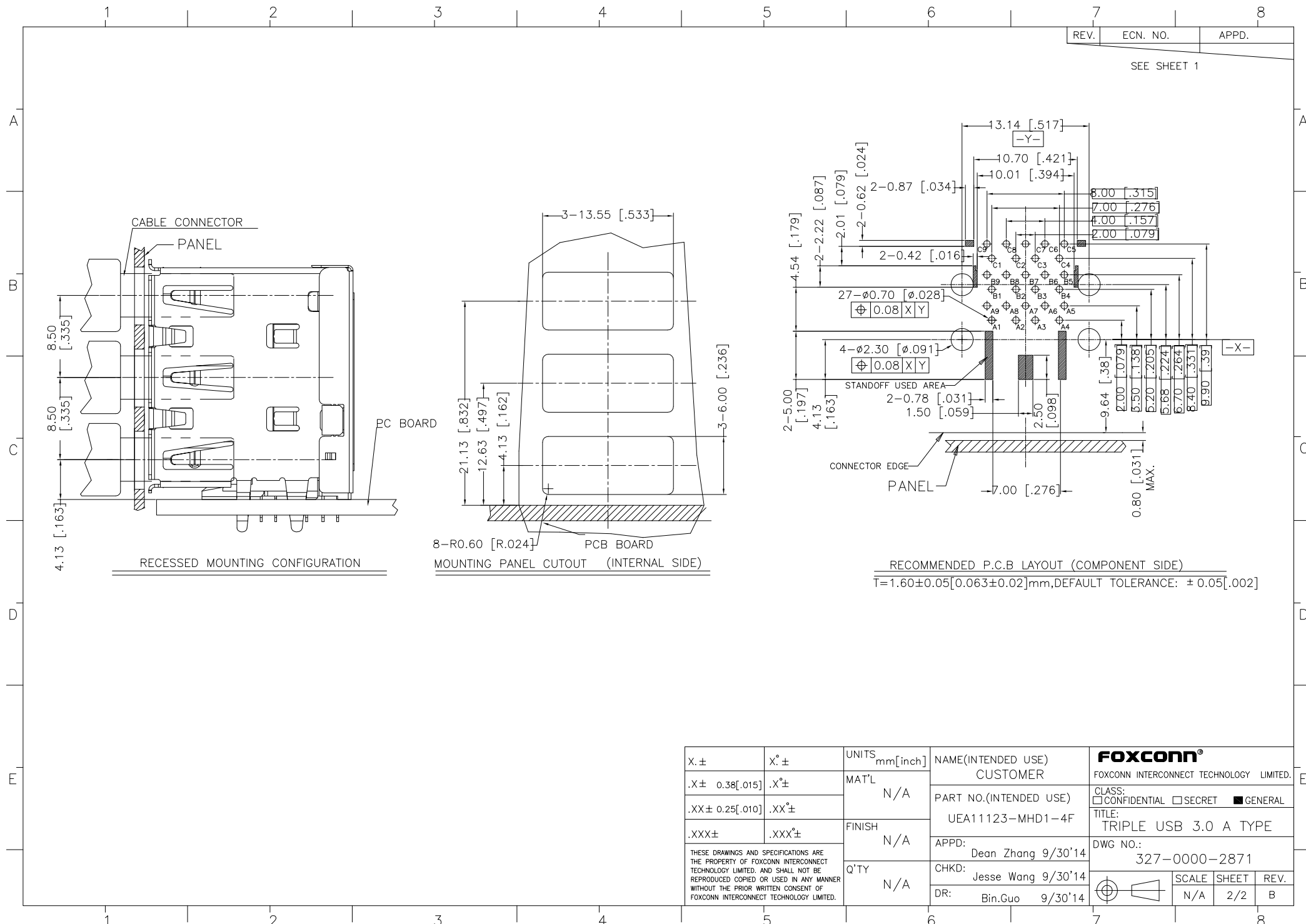
X.±	X°.±	UNITS	mm[inch]	NAME(INTENDED USE)	<b>FOXCONN®</b> FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.38[.015]	.X°.±	MAT'L	N/A	CUSTOMER	
.XX± 0.25[.010]	.XX°.±	FINISH	N/A	PART NO.(INTENDED USE)	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.XXX±	.XXX°.±	Q'TY	N/A	UEA11123-MHD1-4F	TITLE: TRIPLE USB 3.0 A TYPE
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				Dean Zhang 9/30'14	327-0000-2871
				CHKD: Jesse Wang 9/30'14	
				DR: Bin.Guo 9/30'14	SCALE: N/A SHEET: 1/2 REV.: B



PIN ASSIGNMENT:

Pin No.	C1	C2	C3	C4	C5	C6	C7	C8	C9
Pin No.	B1	B2	B3	B4	B5	B6	B7	B8	B9
Pin No.	A1	A2	A3	A4	A5	A6	A7	A8	A9
Signal Name	VBUS	D-	D+	GND	STDA_SSRX-	STDA_SSRX+	GND_DRAIN	STDA_SSTX-	STDA_SSTX+
Remark	USB2 Contact Pin				USB3 Contact Pin				

SEE SHEET 1



RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)  
 $T=1.60\pm 0.05[0.063\pm 0.02]$ mm, DEFAULT TOLERANCE:  $\pm 0.05[.002]$

X. ±	X° ±	UNITS mm[inch]	NAME(INTENDED USE) CUSTOMER	<b>FOXCONN®</b> FOXCONN INTERCONNECT TECHNOLOGY LIMITED.			
.X ± 0.38 [.015]	.X° ±	MAT'L N/A	PART NO.(INTENDED USE) UEA11123-MHD1-4F				
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.XXX ±	.XXX° ±		Q'TY N/A	CHKD: Jesse Wang 9/30'14	TITLE: TRIPLE USB 3.0 A TYPE		
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			<table border="1"> <tr> <td>SCALE</td> <td>SHEET</td> <td>REV.</td> </tr> <tr> <td>N/A</td> <td>2/2</td> <td>B</td> </tr> </table>		SCALE	SHEET	REV.
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