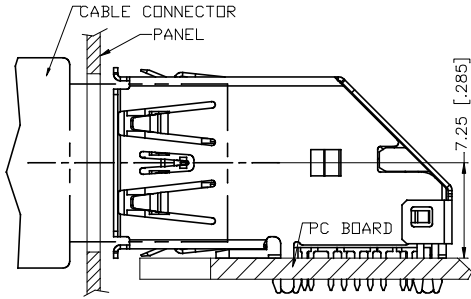
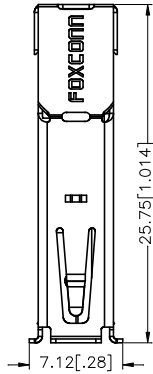
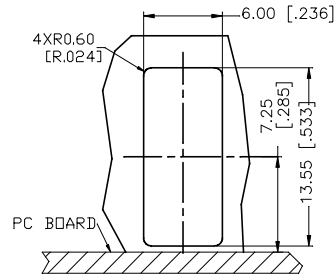


REV.	ECN. NO.	APPD.
A	BC-11-0139978	ADWARD
B	BC-13-0084846	ADWARD
C	BC-15-0003218	ADWARD
D	BC-15-0018929	ADWARD



RECESSED MOUNTING CONFIGURATION



MOUNTING PANEL CUTOUT
(INTERNAL SIDE)

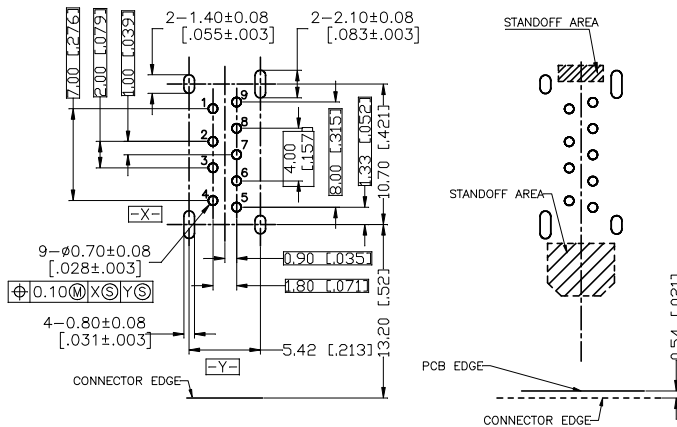
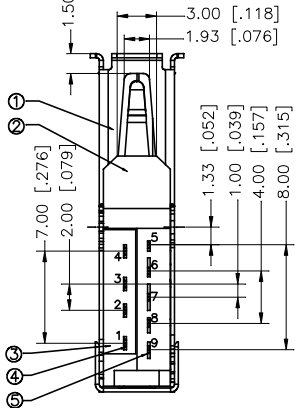
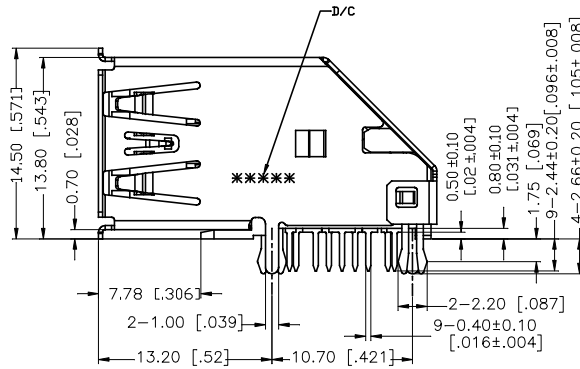
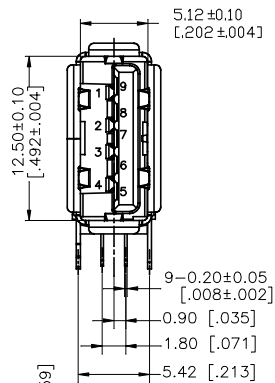
PRODUCT NO.: UEA 3 1 1 9 C - 4FB1 - 4 F

Series Prefix UEA 3 1 1 9 C — Lead Free Code F:LEAD FREE
 USB 3.0 A TYPE — Package Code 4: Soft Tray Package
 Termination Type 3: Up Right Dip — Extension Code
 Connector Type 1: Female — Contact Area Plating
 No. of Contact Position 1: 9 Pos. — C: 30u" PALLADIUM/NICKEL+Gold Flash
 Profile Height 9: Special

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.
- RECOMMENDED PROCESS:
WAVE SOLDER, 260±5° C, 3~5 SECONDS
- 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 VIEW)

THK=1.60[.063] ALL TOL IS ±0.05[.002]

5	USB3.0 CONTACT	5	COPPER ALLOY	30u" PALLADIUM/NICKEL+GOLD FLASH AT CONTACT AREA, LEAD FREE TIN ALLOY AT TERMINATION, NICKEL UNDERPLATING OVER ALL.
4	USB2.0 CONTACT	4	COPPER ALLOY	
3	INNER INSULATOR-2	1	PBT UL94V-0	MOLDED COLOR: BLUE
2	INNER INSULATOR-1	1	PBT UL94V-0	MOLDED COLOR: BLUE
1	SHELL	1	STAINLESS STEEL	NICKEL PLATED OVERALL, LEAD FREE TIN ALLOY AT SOLDER TAB.
NO.	DESCRIPTION	QTY.	MATERIAL	TREATMENT
X.±	X°.±		UNITS mm[inch]	NAME(INTENDED USE)
.X± 0.38[.015]	.X°.±		MAT'L	CUSTOMER
.XX± 0.25[.010]	.XX°.±		N/A	PART NO.(INTENDED USE)
.XXX±	.XXX°.±		FINISH	UEA3119C-4FB1-4F
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				CHKD: David Wang 04/23'15
				DR: Tain Neng 04/23'15
				DWG NO.: 327-0000-2440
				SCALE SHEET REV.
				N/A 1/1 D