

CADS GENERATED DRAWING. DON'T CHANGE BY HAND.

NOTE: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS SHALL BE INTERPRETED PER ASME Y14.5M-2009.

2. ELECTRICAL CHARACTERISTIC:

2-1. CONTACT CURRENT RATING:

	CONTACT NO.	MAXIMUM APPLYING
POWER(130W)	A4.A9.B4.B9	TOTAL 6.7A

2-2. LOW LEVEL CONTACT RESISTANCE:

40mOhms MAX. FOR VBUS, GND AND OTHER CONTACTS.

50mOhms MAX. AFTER ENVIRONMENT TEST.

3. MECHANICAL CHARACTERISTICS:

3-1. INSERTION FORCE: 5~20N.

3-2. EXTRACTION FORCE: 8~20N, AND 6~20N AFTER DURABILITY;

3-3. DURABILITY: 10,000 MATING CYCLES.

3-4. OPERATING TEMPERATURE: -55°C TO +85°C.

△ THE DATE CODE IS LOCATED APPROXIMATELY AS SHOWN.

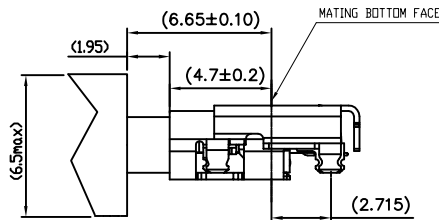
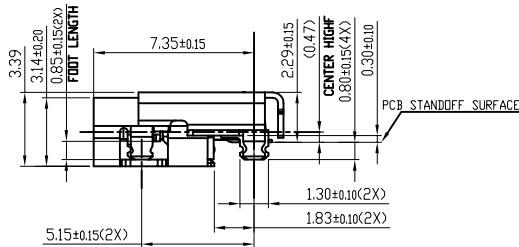
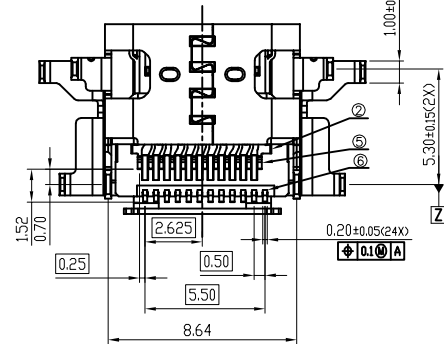
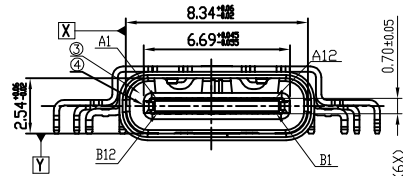
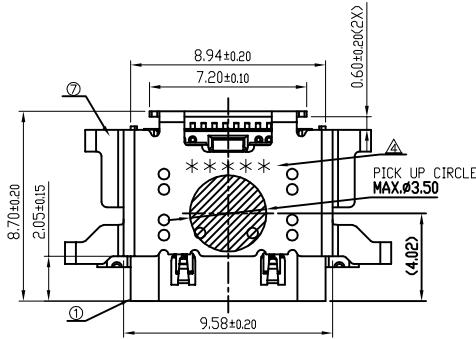
REV.	ECN NO.	APPD.
A	BC-20-0024995	Dickie Huang
B	BC-21-0024470	Dickie Huang

5. PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO

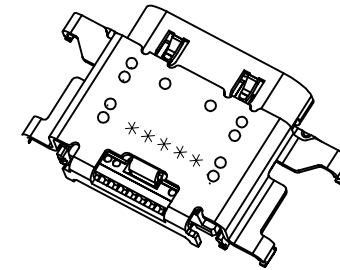
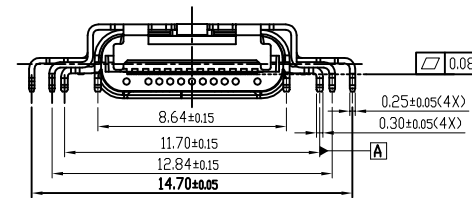
VERIFY PRODUCT DETAILS & AVAILABILITY.

6. PRODUCT NO. MATRIX :

UT: USB TYPE C CONN.	UT 1 2 1 2 3 - 1 05 0 0 - 7 H	RoHS & HF CODE H : HALOGEN FREE
CONTACT DESIGN 1: RECEPTACLE		PACKAGE CODE: 7: TAPE & REEL
TERMINATION TYPE 2: RIGHT ANGLE, SMT		EXTENSION CODE
POSITIONS 1: 24POS		CENTER HEIGHT
CONFIGURATION 2: SINGLE, MID-MOUNT		HOUSING COLOR 1: BLACK
CONTACT AREA PLATING 3: 30u" GOLD 1: GOLD FLASH		



MATED CONDITION (REF.)



3D model

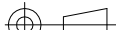
A12	GND	B1	GND
A11	SSRXp2	B2	SSTXp2
A10	SSRXn2	B3	SSTXn2
A9	VBUS	B4	VBUS
A8	SBU1	B5	CC2
A7	Dn1	B6	Dp2
A6	Dp1	B7	Dn2
A5	CC1	B8	SBU2
A4	VBUS	B9	VBUS
A3	SSTXn1	B10	SSRXn1
A2	SSTXp1	B11	SSRXp1
A1	GND	B12	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

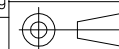
TABLE 1

	FINISH	PLATING THICKNESS
CONTACT ARER	Au OVER NICKEL	NICKEL: 80u" Min. Au: 30u" Min.
SLODER TALE	Au OVER NICKEL	NICKEL: 50u" Min. Au: GOLD FLASH 1 u" Min.

⑦	TOP SHELL	1	STAINLESS STEEL	NICKEL PLATING	PLATING THICKNESS: 0.5um Min.
⑥	TOP CONTACT	12	COPPER ALLOY	TABLE 1	
⑤	BOTTOM CONTACT	12	COPPER ALLOY		
④	SHIELDING PLATE	1	STAINLESS STEEL	NICKEL PLATING	PLATING THICKNESS: 1um Min.
③	LAST I/M	1	HEAT RESISTING PLASTIC	COLOR: BLACK	HALOGEN-FREE
②	FIRST I/M	1	GLASS FILLED LCP	COLOR: BLACK	HALOGEN-FREE
①	MAIN SHELL	1	STAINLESS STEEL	NICKEL PLATING	PLATING THICKNESS: 0.05um Min.
ITEM	DESCRIPTION	Q'TY	MATERIAL	FINISH	REMARKS

UT12123-10500-7H

X.± 0.30	X.± 5°	UNITS mm	NAME(INTENDED USE) USB CH=0.47 TYPE C	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.		
.X± 0.25	.X± 2°	MAT'L	PART NO.(INTENDED USE) UT12123-10500-7H			
.XX± 0.15	.XX± 1°	FINISH	APPD: Dickie Huang	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL		
.XXX±0.10	.XXX±		CHKD: Bill He & Amos Yang	TITLE: CUSTOMER DRAWING		
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED, AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED.			Q'TY	DWG NO.: 327-0000-4122		
			DRAW: Jay Song 04/13' 22		SCALE 1:1	SHEET 1/3



SCALE	SHEET	REV.
1:1	1/3	B



FK2B00065D