

MATERIAL:

- 1.HOUSING: LCP, GLASS FIBER FILLED, BK
- 2.CONTACT: COPPER ALLOY (T=0.12mm)
- 3.SHIELD: STAINLESS STEEL (T=0.30mm)

FINISH:

- CONTACT: GOLD PLATING ON CONTACT AREA, MATTE TIN PLATING ON SOLDER TAILS, NICKEL UNDERPLATING OVER ALL
- SHELL: NICKEL PLATING

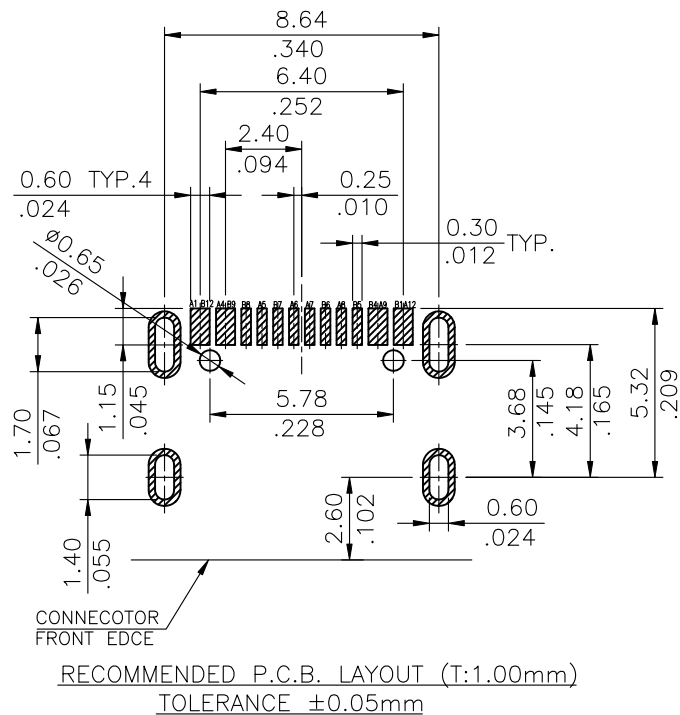
Ordering Code:

CU18 16 S A H 1 M D 2 R0 -LF -HC  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

- ① Series No.
- ② No of Circuits:
- ③ S= Socket
- ④ Plating option:  
A= Gold Flash plated on Contact area, Matte Tin plated on Solder tails, Nickel underplating over all
- ⑤ Contact tail style:  
H= Top Mount, Side Entry
- ⑥ Insulator Color: 1= Black
- ⑦ Contact Solder Style: M= SMT Type
- ⑧ Shell Solder Style: D= DIP Type
- ⑨ Transmission speeds:  
2= For USB 2.0
- ⑩ Packing Option: R0= Reel Packing
- ⑪ -LF= For Lead Free IR Reflow Process
- ⑫ -HC= For High Current

Lead Free Process      RoHS Compliant

④				DATE	UNIT: mm / inch	TITLE: U.S.B TYPE C SOCKET SMT Top mount Right Angle	 瀚荃股份有限公司 CviLux Corporation
③			DRAWN BY: Mark	11/13-17'	TOLERANCE UNLESS OTHERWISE SPECIFIED	MATERIAL:	
②			ENGINEER: Mark	11/13-17'	.X ± 0.25/.010    X' ± 4'	FINISH:	
①	Keny	18/2/2	CHECKED BY: Andy	11/13-17'	.XX ± 0.20/.008    X' ± 2'		
SYM	NAME	DATE	APPROVED BY: Andy	11/13-17'	.XXX ± 0.10/.004    .XX' ±		DRAWING NO. CU1833SD    PART NO. CU1816SAH1MD2R0-LF-HC
		REVISIONS					SCALE 4 / 1    SHEET 1 OF 3



USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

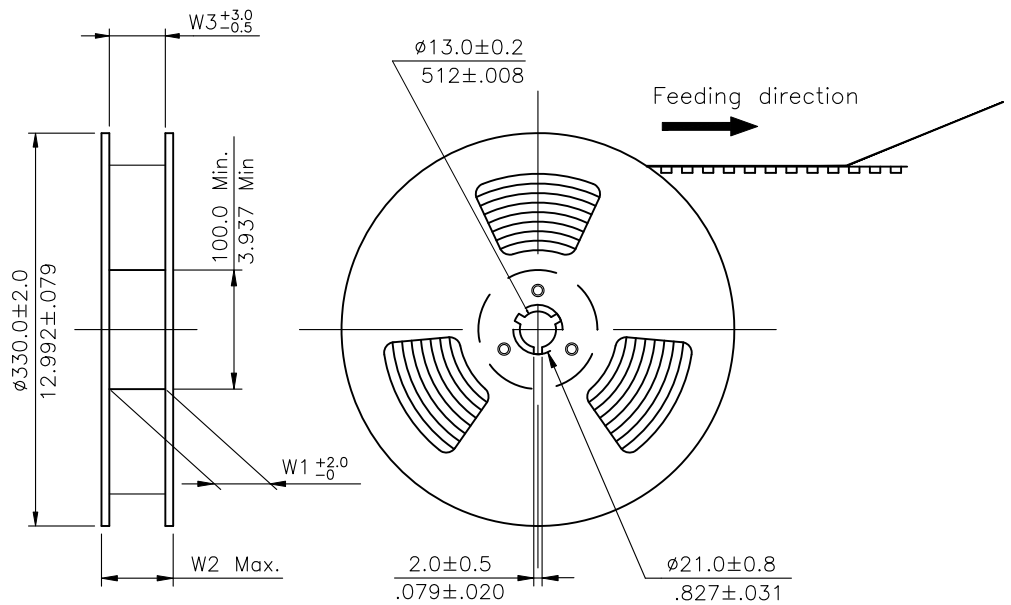
PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	X		B11	X	
A3			B10		
A4			B9		
A5	Vbus	Bus Power	B8	VBUS	Bus Power
A6	CC1	Configuration Channel	B7	SBU2	Sideband Use(SBU)
A7	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B6	Dn2	Positive half of the USB 2.0 differential pair-Position 2
A8	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B5	Dp2	Negative half of the USB 2.0 differential pair-Position 2
A9	SBU1	Sideband Use(SBU)	B4	CC2	Configuration Channel
A10	VBUS	Bus Power	B3	VBUS	Bus Power
A11	X		B2	X	
A12			B1		
A12	GND	Ground return	B1	GND	Ground return

Lead Free Process      RoHS Compliant

SYM	NAME	DATE	REVISIONS	APPROVED BY:	ANDY	11/13-17'	UNIT: mm / inch	TITLE: U.S.B TYPE C SOCKET SMT TOP MOUNT RIGHT ANGLE
4							TOLERANCE UNLESS OTHERWISE SPECIFIED .X ± 0.25/.010    X' ± 4' .XX ± 0.20/.008    X' ± 2' .XXX ± 0.10/.004    .XX' ±	MATERIAL:
3				DRAWN BY:	Mark	11/13-17'		
2				ENGINEER:	Mark	11/13-17'		
1	Keny	18/2/2	CHANGING	CHECKED BY:	Andy	11/13-17'		
				APPROVED BY:	Andy	11/13-17'	FINISH:	



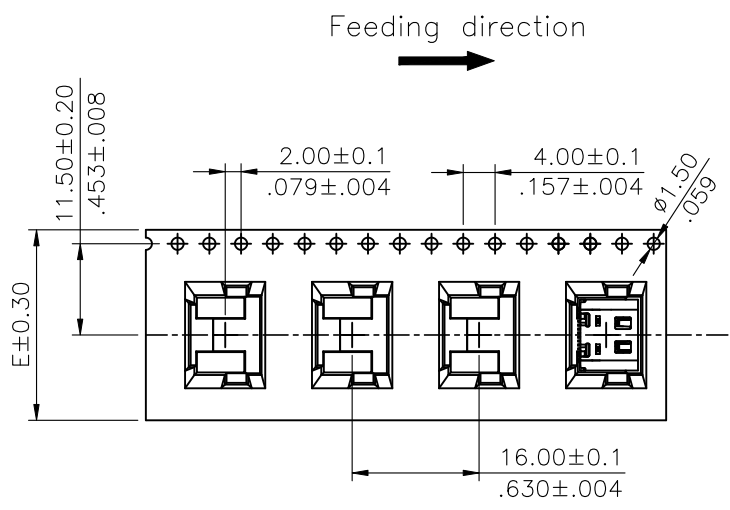
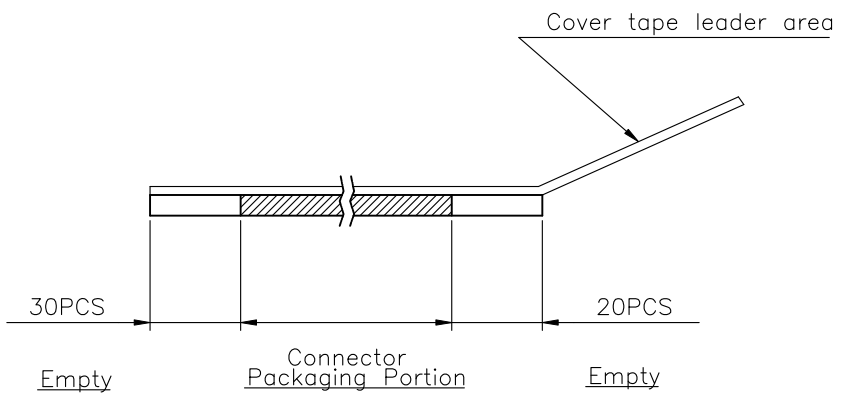
DRAWING NO.	CU1833SD	PART NO.	CU1816SAH1MD2R0-LF-HC
SCALE	4 / 1	SHEET	2 OF 3




NOTE :

- \* Reel Material : HIPS
- \* Carrier Material : Clear, Conductive Polystyrene Alloy
- \* Cover Tape Material : Polyester
- \* Cover Tape Peel Strength : 0.1N – 1.3N
- \* Carrier camber is within 1mm in 250mm
- \* All dimensions meet EIA-481-B requirements.
- \* Quantity : 800 PCS/Reel

Dimension				Packing (Reel/Carton)
E	W1	W2	W3	
24.0(.945)	24.5(.965)	30.5(1.201)	24.5(.965)	10



RoHS Compliant

SYM	NAME	DATE	REVISIONS	APPROVED BY:	DATE	UNIT: mm / inch	TITLE: U.S.B TYPE C SOCKET SMT TOP MOUNT RIGHT ANGLE	瀚荃股份有限公司 CviLux Corporation			
4					DATE	UNIT: mm / inch	TITLE: U.S.B TYPE C SOCKET SMT TOP MOUNT RIGHT ANGLE	 瀚荃股份有限公司 CviLux Corporation			
3				DRAWN BY: Mark	11/13-17'	TOLERANCE UNLESS OTHERWISE SPECIFIED	MATERIAL:				
2				ENGINEER: Mark	11/13-17'	.X ±	.X' ± 1'	DRAWING NO. CU1833SD	PART NO. CU1816SAH1MD2R0-LF-HC	SCALE	
1	Keny	18/2/2	CHANGING	CHECKED BY: Andy	11/13-17'	.XX ±	.X' ±	SHEET 3 OF 3			
				APPROVED BY: Andy	11/13-17'	.XXX ±	.XX' ±				