

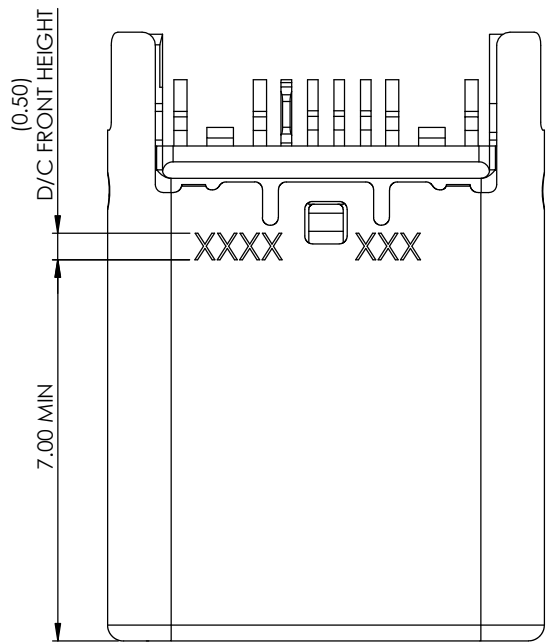
7	CAP	1	LCP	HIGH TEMPERATURE PLASTIC, WHITE, HF, UL94V-0
6	SHELL	1	SUS304 1/2H T=0.15mm	50U" BRIGHT Ni PLATING OVER ALL
5	MOLDING	1	LCP MG350	HIGH TEMPERATURE PLASTIC, BALCK, HF, UL94V0 (禁止添加次料)
4	LATCH	1	SUS301-H T=0.40mm	50U" Ni PLATING ON SOLDER TAIL AREA
3	HOUSING	1	PA10T R6130NH WT003(WHITE) A5R-Z0002(RED)	HIGH TEMPERATURE PLASTIC WHITE/RED, HF, UL94V-0 (禁止添加次料)
2	CONTACT 2	4	C7025 TM03 T=0.20mm	OVER ALL: 80U"~160U" Ni PLATING EXPOSED AREA: 5U"MIN Pd-Ni PLATING CONTACT AREA: 30U"MIN Pd-Ni PLATING+5U"MIN Au PLATING THE MIDDLE AREA ON BOTH SIDES 5U"MIN Au PLATING SOLDER TAIL AREA: 100U"MIN MATTE Sn
1	CONTACT 1	4	C7025 TM03 T=0.25mm	
ITEM	NAME	Q'TY	MATERIAC	FINISHED

HOUSING	P/N
WHITE	UC42-0W115BR0
RED	UC42-0R115BR0

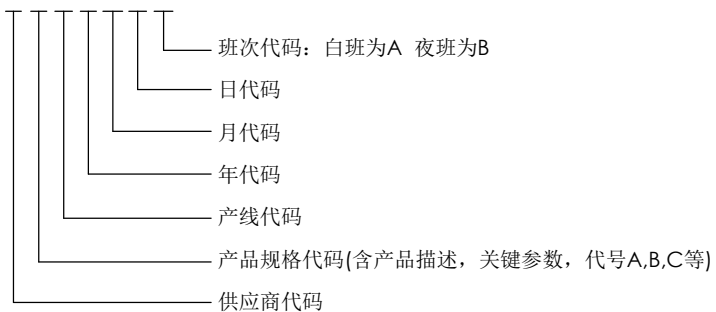
UNITS:	mm
DATE:	03/17/2020
SCALE:	5 / 1
SHEET:	1 / 3
REV.:	A
GENERAL TOLERANCE	X. ±0.20 X' ±2.00 .X ±0.15 .X' ±1.00 .XX ±0.10 .XX' ±0.50 .XXX ±0.05
MATERIAL:	
FINISH:	SEE NOTE
ECN NO.	
DESCRIPTION	NEW
DATE	03/17/2020

DRAW:	FYI
CHECKED:	FYI
APPROVE:	
PART NO:	UC42-0X115BR0
TITLE:	TYPE C PLUG CUSTOMER DRAWING
DRAWING NO:	C-UC42-00-00


**鸿日达科技股份有限公司**  
 HONGRIDA ELECTRONIC TECHNOLOGY CO., LTD.



X X X X X X X



供应商代码	
H	捷皇

产品规格代码	
A	TYPE C PLUG 12 Pin White 30U"MIN Pd-Ni +5U"MIN
B	TYPE C PLUG 12 Pin RED 30U"MIN Pd-Ni +5U"MIN
C	...



产线代码			
1	线体1	6	线体6
2	线体2	7	线体7
3	线体3	8	线体8
4	线体4	9	线体9
5	线体5		

年代码			
9	2019年	2	2022年
0	2020年	3	2023年
1	2021年	4	2024年

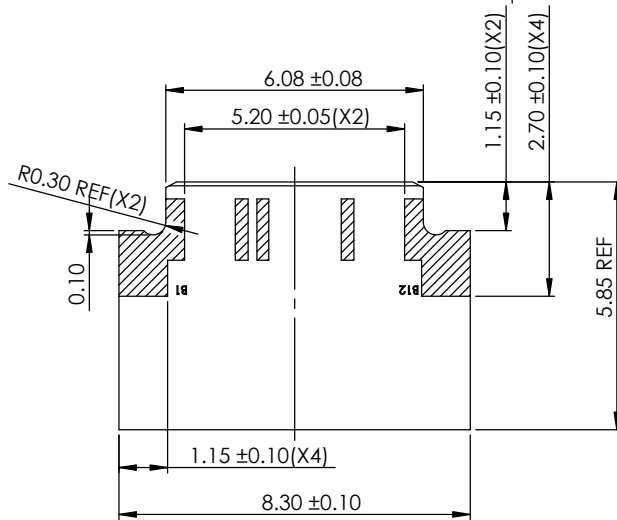
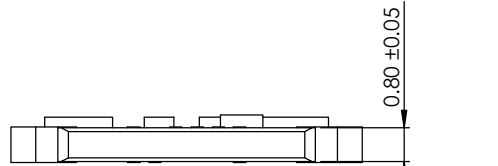
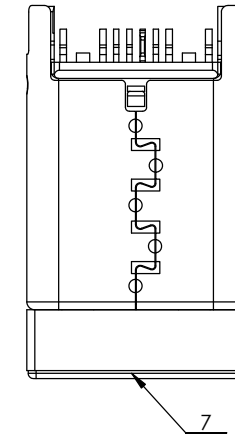
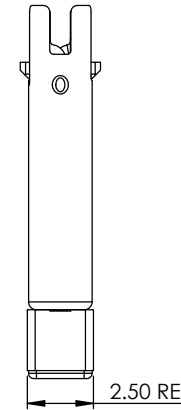
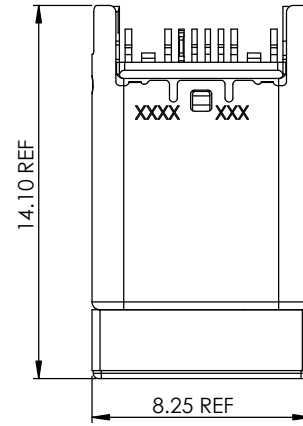
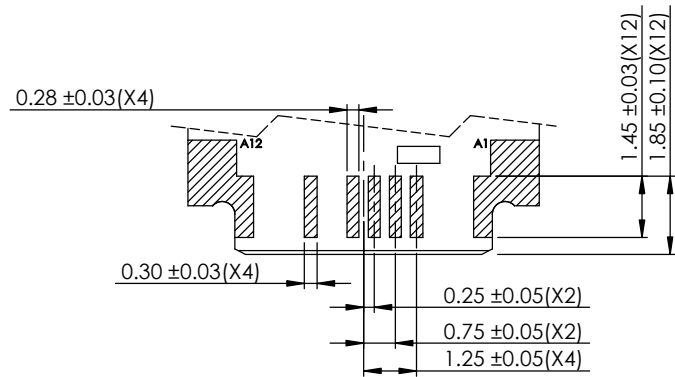
月代码			
1	1月	7	7月
2	2月	8	8月
3	3月	9	9月
4	4月	A	10月
5	5月	B	11月
6	6月	C	12月

日代码							
1	1日	9	9日	H	17日	R	25日
2	2日	A	10日	J	18日	S	26日
3	3日	B	11日	K	19日	T	27日
4	4日	C	12日	L	20日	U	28日
5	5日	D	13日	M	21日	V	29日
6	6日	E	14日	N	22日	W	30日
7	7日	F	15日	P	23日	X	31日
8	8日	G	16日	Q	24日		

班次代码	
A	白班
B	夜班

				UNITS: mm	GENERAL TOLERANCE		DRAW: FYI	PART NO: UC42-0X115BR0
				DATE: 03/17/2020	X. ±0.20 .X ±0.15 .XX ±0.10 .XXX ±0.05	X." ±2.00" .X" ±1.00" .XX" ±0.50"	CHECKED: FYI	TITLE: TYPE C PLUG CUSTOMER DRAWING
				SCALE: 5 / 1			APPROVE:	DRAWING NO: C-UC42-00-00
A		NEW	03/17/2020	SHEET: 2 / 3	MATERIAL:		 <b>鸿日达科技股份有限公司</b> HONGRIDA ELECTRONIC TECHNOLOGY CO., LTD.	
REV.	ECN NO.	DESCRIPTION	DATE	REV. A	FINISH: SEE NOTE			

连接器增加前塞示意图



APPLICABLE PCB DIMENSION(REF)

CONNECTOR NUMBER CODE

UC42- 0 X 115 B R 0  
 1 2 3 4 5

1:PRODUCT DESCRIPTION:  
 UC42:USB 2.0 TYPE C PLUG 12PIN

2:PRODUCT TYPE  
 0:SMT TYPE

3:COLOUR OF HOUSING  
 W:WHITE  
 R:RED

4:PRODUCT LENGTH  
 115:11.50mm


5:CONTACT PLATING  
 B: Au: 5u"MIN  
 Pd/Ni 刷镀25u"MIN  
 Pd/Ni 浸镀5u"MIN  
 Ni : 80-160u"MIN

NOTES:

- PRODUCT SPECIFICATIONS:  
 1-1.CURRENT RATING: 6A MIN(VBUS&GND PIN:3A/PIN, OTHER:0.25A/PIN)  
 1-2.INSULATION RESISTANCE: 1000MΩ Min  
 1-3.CONTACT RESISTANCE:30mΩ Max(INITIAL),40mΩ MAX AFTER TEST  
 1-4.WITHSTANDING VOLTAGE STRENGTH:100V AC FOR 1 MINUTE  
 1-5.INSERTION FORCE:6-20N, AFTER DURABILITY: 5-20N  
 1-6.EXTRACTION FORCE:8-20N,AFTER DURABILITY:6-20N  
 1-7.DURABILITY: 10000 CYCLES  
 1-8.SALT SPRAY TEST:48H FOR SHELL,72H FOR TERMINAL
- DIMENSIONS MARKED WITH "▼" MUST BE MEASURED BY QC AND IPQC.
- DIMENSIONS MARKED WITH "▽" MUST BE CPK (CPK>1.33)
- RoHS2.0 AND HF COMPLIANT.
- SECONDARY MATERIAL IS NOT ALLOWED.

PIN ASSINGMENT

A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND	/	/	VBUS	/	D-	D+	CC	VBUS	/	/	GND
GND	/	/	VBUS	VCONN	/	/	/	VBUS	/	/	GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

				UNITS: mm	GENERAL TOLERANCE		DRAW: FYI	PART NO: UC42-0X115BR0
				DATE: 03/17/2020	X. ±0.20	X' ±2.00"	CHECKED: FYI	TITLE: TYPE C PLUG CUSTOMER DRAWING
				SCALE: 5 / 1	.X ±0.15	.X' ±1.00"	APPROVE:	DRAWING NO: C-UC42-00-00
					.XX ±0.10	.XX' ±0.50"		
					.XXX ±0.05			
A		NEW	03/17/2020	SHEET: 3/3	MATERIAL:		 鸿日达科技股份有限公司 HONGRIDA ELECTRONIC TECHNOLOGY CO.,LTD.	
REV.	ECN NO.	DESCRIPTION	DATE	REV. A	FINISH: SEE NOTE			