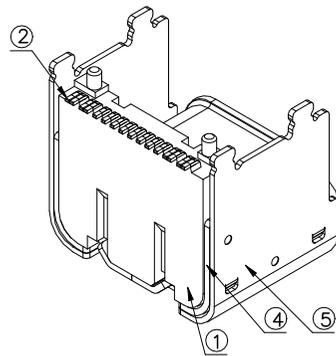
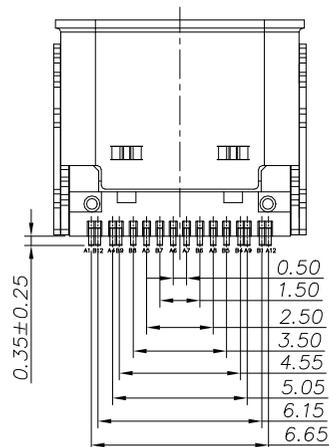
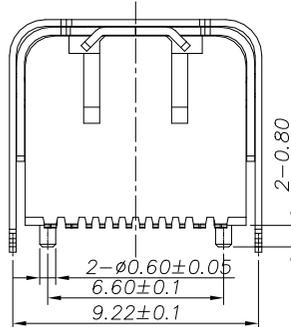
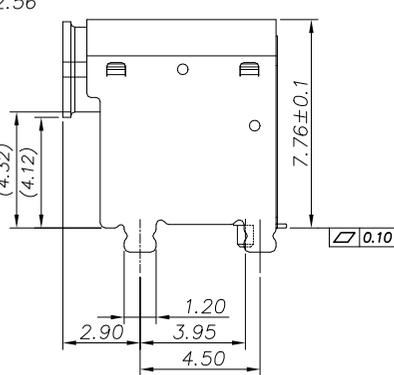
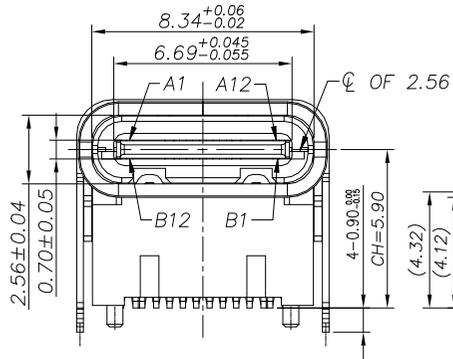
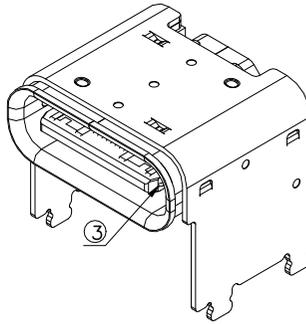
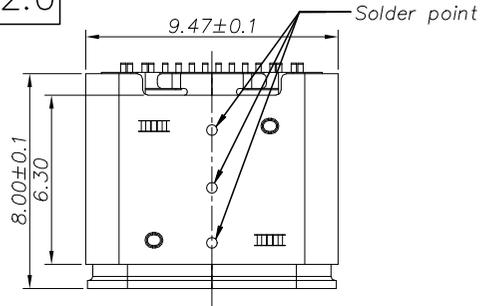


RoHS2.0



NOTES:

- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 - 2.CONTACTS:COPPER ALLOY
 - 3.MID PLATE: STAINLESS STEEL
 - 4.INSIDE SHELL:STAINLESS STEEL
 - 5.OUTSIDE SHELL:STAINLESS STEEL
- 2.PLATING SPECIFICATION:
 - 2-1.CONTACTS:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 - (GOLD PLATING THICKNESS FOLLOW THE P/N)
 - GOLD FLASH PLATING ON SOLDER AREA
 - 2-2.INSIDE SHELL OR OUTSIDE SHELL:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
- 3.MECHANICAL PERFORMANCE,
 - 3-1.INSERTION FORCE : 5N~20N(5~20N AFTER DURABILITY)
 - 3-2.UNMATING FORCE: 8N~20N(6~20N AFTER DURABILITY)
 - 3-3.DURABILITY: 10000 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
 - 4-1. CURRENT RATING: 5A
VOLTAGE RATING: 20V
 - 4-2.INSULATION RESISTANCE: 100MΩ MIN
 - 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
 - 4-4.LOW CONTACT RESISTANCE: INITIAL 40MΩ
AFTER 50MΩ
5. ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -30°C~+80°C.
- 6.IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

UCB1G-16BB0 X A N L-R

PIN NUMBER: _____ R: ROHS

16PIN _____ PACK:

CONTACT: _____ L: TAPE REEL

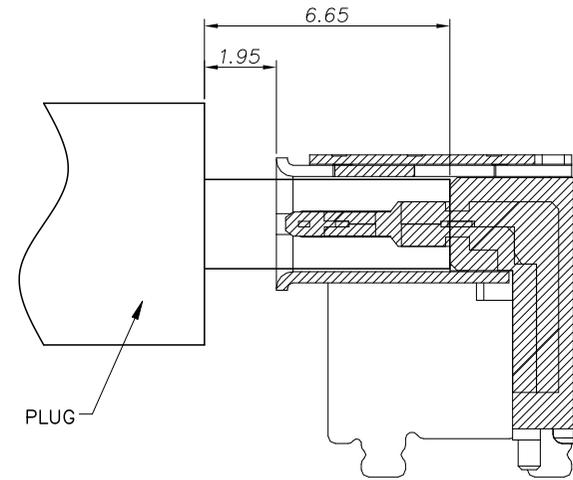
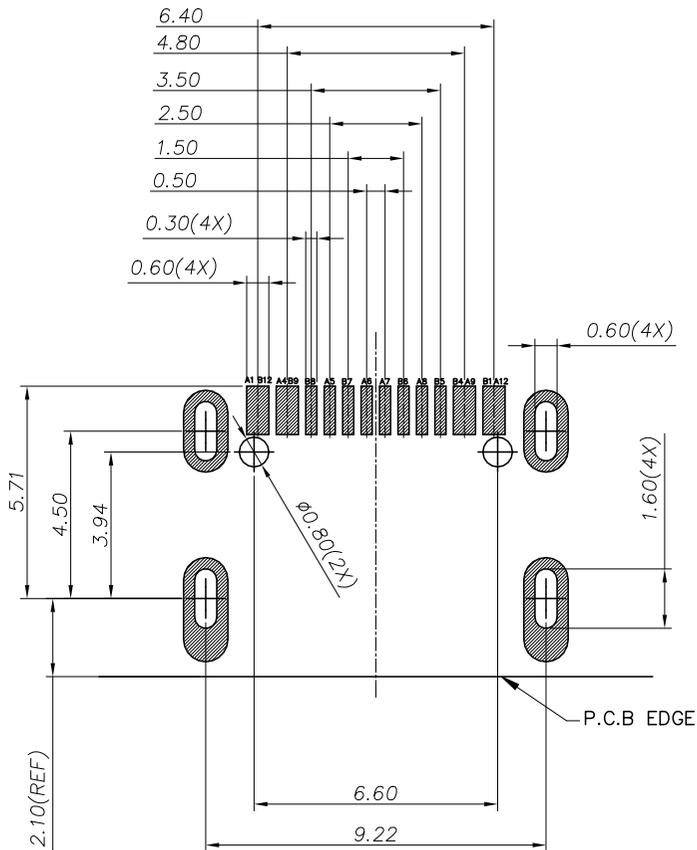
1: G/F CONTACT AREA _____ COLOR:

2: 3u" CONTACT AREA _____ A: Black

5	OUTER SHELL	STAINLESS STEEL	NI 30u"MIN	1PCS
4	INNER SHELL	STAINLESS STEEL	NI 30u"MIN	1PCS
3	SHIELDING PLATE	STAINLESS STEEL	N/A	1PCS
2	CONTACT	COPPER ALLOY	Mating area: See P/N Solder Tails: G/F Underplate: 50u"Min Ni overall	2SET
1	INSERT MOLDING	LCP UL94V-0	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	NEW RELEASE	2022. 8. 23		LINEAR	ANGLES	1:1								
			0.0±0.35	X° ±6°	APPROVED				UCB1G-16BB01ANL-R	ENDE05				
			UNIT: MM	0.00±0.25	X.X° ±3°	DESIGNER			TITLE					
			SIZE: A4	0.000±0.15	X.XX° ±2°	DRAWN			USB TYPE-C 16PIN SMT CH=5.90mm					
											REV	A0	SHEET	1/3

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AFTER MATING
SCALE 1:1

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	NEW RELEASE	2022. 8. 23	LINEAR	ANGLES	1:1			UCB1G-16BB01ANL-R	ENDE05				
			0.0±0.35	X° ±6°	APPROVED								
			0.00±0.25	X.X° ±3°	DESIGNER			TITLE					
			UNIT: MM	0.00±0.15	X.XX° ±2°	DRAWN		USB TYPE-C 16PIN SMT CH=5.90mm					
			SIZE: A4							REV	A0	SHEET	2/3

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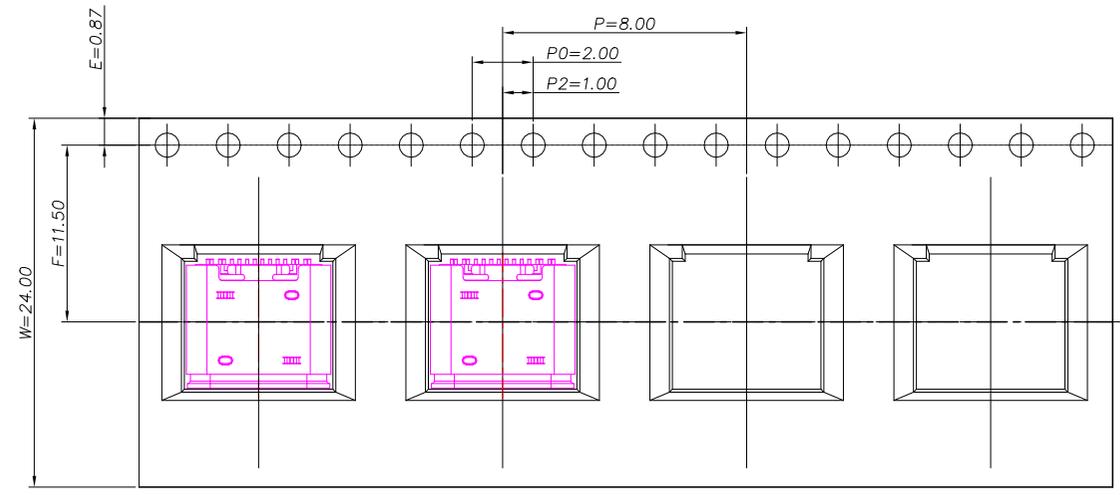
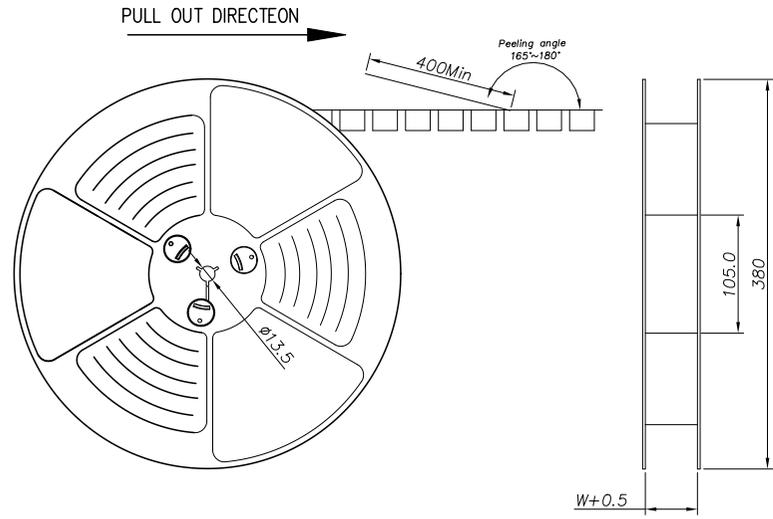
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RoHS2.0

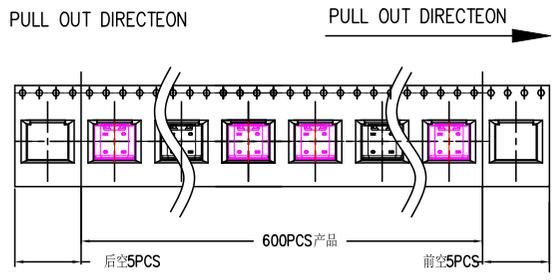
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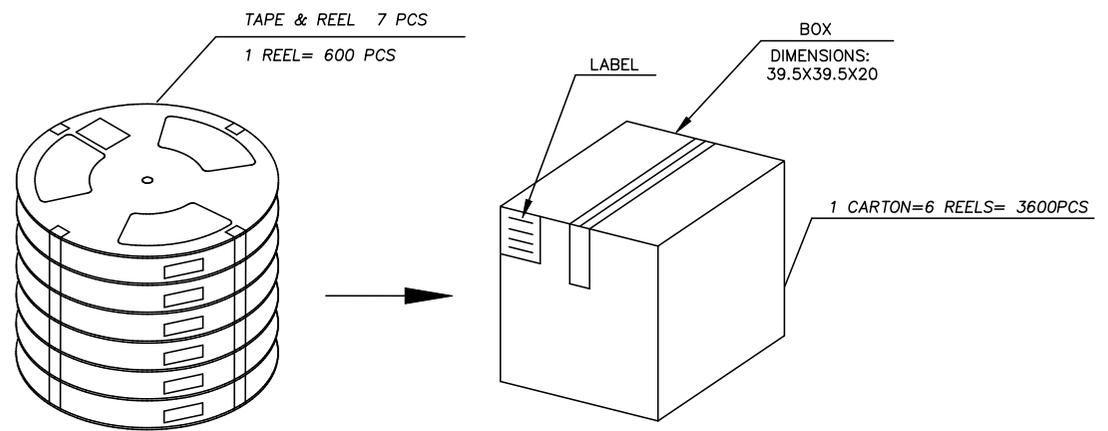


NOTES

1.LEAD TAPE LENGTH



2. PEELING OFF FORCE OF TOP TAPE: 0.1~1.3N(10.2gf~130gf)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT :
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION



PCS/REEL	PCS/CARTON
600 PCS	3600 PCS

REV.	REVISION RECORD	DATE	UNIT: MM	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.
A0	NEW RELEASE	2022. 8. 23		LINEAR	ANGLES	1:1				
			0.0±0.35	X° ±6°	APPROVED				UCB1G-16BB01ANL-R	ENDE05
			0.00±0.25	X.X° ±3°	DESIGNER				TITLE	
			0.000±0.15	X.XX° ±2°	DRAWN				USB TYPE-C 16PIN SMT CH=5.90mm (Packing drawing)	



REV	A0	SHEET	3/3
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1 2 3 4 5 6 7 8