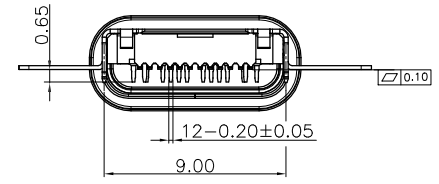
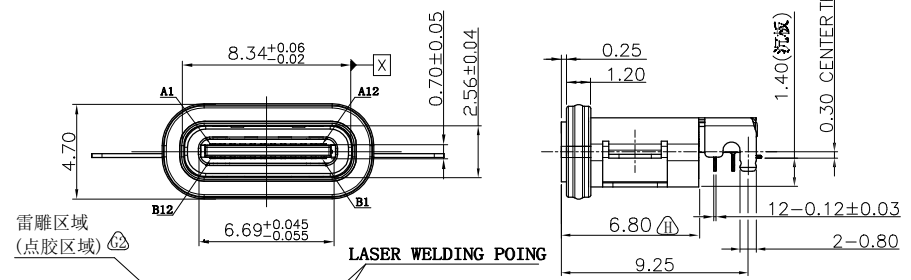


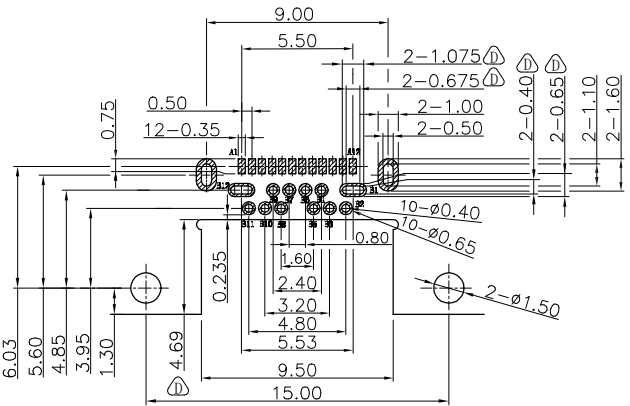
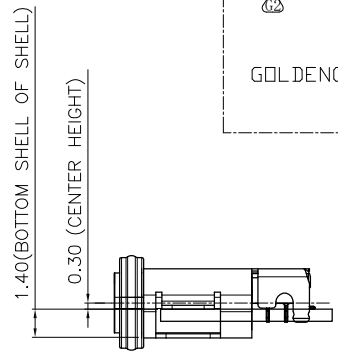
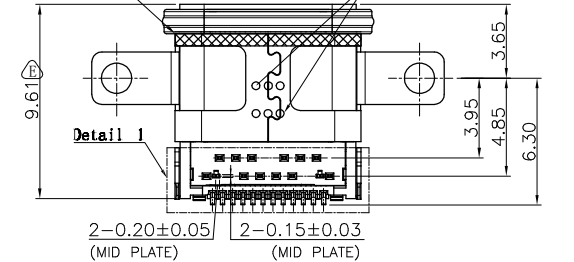
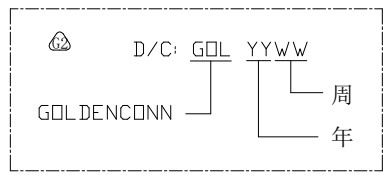
REV.	ECN.NO.	MODIFY.CONTENT	DATE
G	--	增加O-ring材质描述	06/04' 18
G1	--	修改舌片结构, 塑胶变更为PA46	03/19' 20
G2	--	增加D/C, 镭雕区域标示	03/19' 20
H	--	更换防水胶材质, 变更料号	09/17' 20
H1	--	增加激光焊点 端子焊脚由镀金变更为锡电镀	11/05' 20

Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SS1Xp1	Second	B11	SS1Xp1	Second
A3	SS1Xn1	Second	B10	SS1Xn1	Second
A4	Vas	First	B9	Vas	First
A5	CC1	Second	B8	SB02	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SB01	Second	B5	CC2	Second
A9	Vas	First	B4	Vas	First
A10	SS1Xn2	Second	B3	SS1Xn2	Second
A11	SS1Xp2	Second	B2	SS1Xp2	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	



NOTES:  
1. MATERIAL: SEE "TABLE 1";  
2. FINISH: SEE "TABLE 1";

3. ELECTRICAL :
- 3-1. CONTACT CURRENT RATING :  
5A (VBUS PIN 1.5A/PIN),  
5A (GND PIN 1.25A/PIN MAX), 0.25A/PIN (OTHER PIN).
  - 3-2. INSULATION RESISTANCE :  
100 MEGAOHMS MIN. AT 250VDC.
  - 3-3. DIELECTRIC WITHSTANDING VOLTAGE :  
100VAC MIN.
  - 3-4. LOW LEVEL CONTACT RESISTANCE :  
INITIAL 40mΩ MAX.  
AFTER 50mΩ MAX.
4. MECHANICAL CHARACTERISTICS :
- 4-1. MATING FORCE: 5~20N.
  - 4-2. UNMATING FORCE: 8~20N (INITIAL), 6~20N (AFTER 10000 CYCLES);
  - 4-3. DURABILITY : 10,000 MATING CYCLES.
  - 4-4. OPERATING TEMPERATURE : -40°C TO +80°C
5. PRODUCT NUMBER : 1UBC030 \* 24R12-HF



RECOMMENDED P.C.B LAYOUT (Both sides are sample)  
Tolerance: ±0.05, Thickness=0.60mm

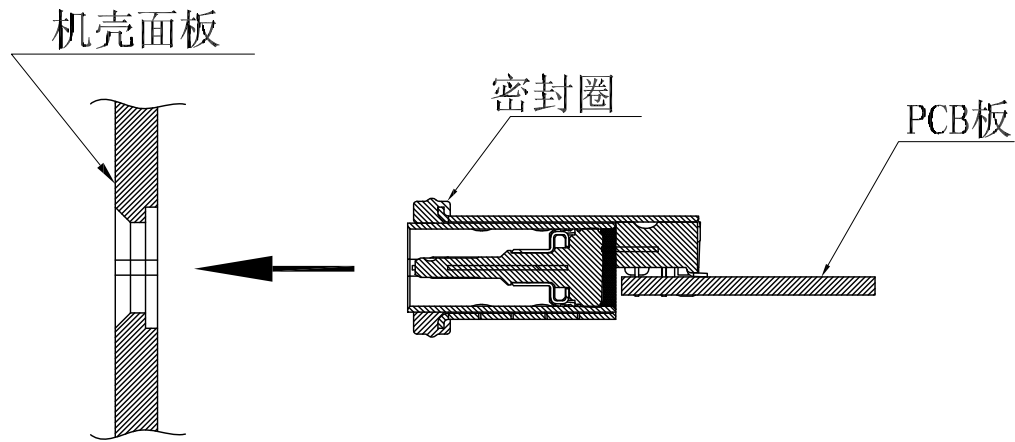
此文件为双方检验的唯一标准  
This document is the only standard for inspection by both parties

NO.	PART NAME	QTY	MATERIAL	DESCRIPTION
⑨	Silicone	1	LSP	BLACK
⑧	GLUE WATER	1	SILICA GEL	NATURAL CLOCK
⑦	Shell-2	1	Stainless steel	NI PLATED
⑥	Shell-1	1	Stainless steel	NI PLATED
⑤	GND PLATE	1	Stainless steel	NO PLATED
④	MID PLATE	1	Stainless steel	50u" MIN. SOLDERABLE NI PLATING ON ALL ARED.
③	Terminal-B	12	Copper Alloy	50u" MIN. NI UNDER PLATING.
②	Terminal-A	12	Copper Alloy	MATTE TIN PLATING ON SOLDER AREA. GOLD FLASH PLATING ON CONTACT AREA
①	Housing	1	HIGH TEMP (PA46)	Black

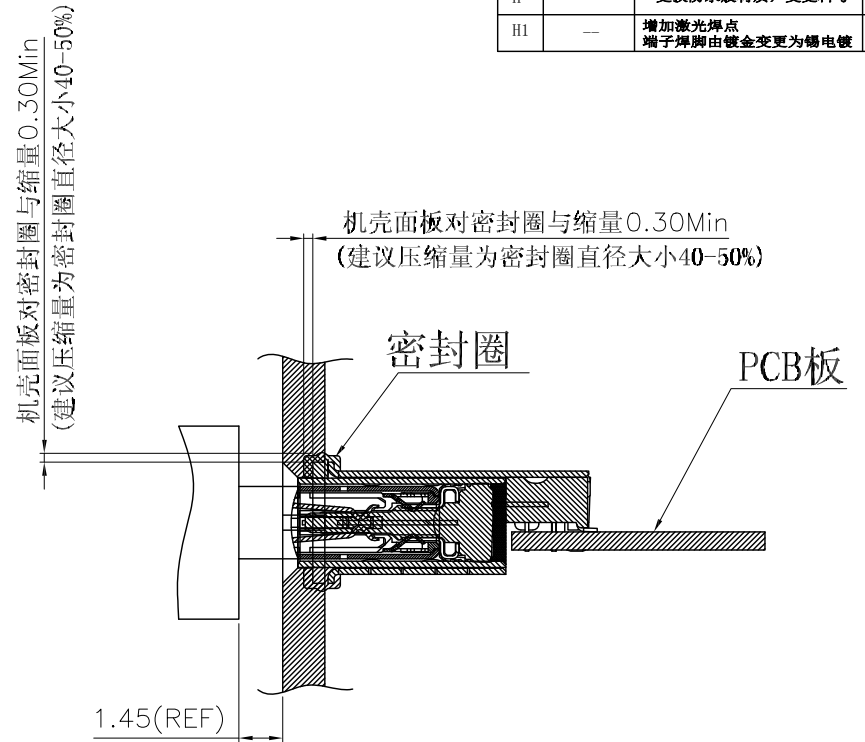
GENERAL TOLERANCE	DRAWN	WHSu	11/05'20	SCALE	PART NO.	1UBC030J24R12-HF
X.±0.30	CHECKED	Ray.Lee	11/05'20	1:1	TITLE	USB Type C CL=0.3 DIP+SMT Type
.X±0.25	APPROVED	Murry.Lw	11/05'20	UNITS	mm	CUSTOMER DRAWING
.XX±0.20	File NO.	UBC03001S				
.XXX±0.10	REV.					
SHEET	1/3	QTY	1	H1	蘇州祥龍嘉業電子有限公司 Goldenconn Electronic Technology Co.,LTD	

# 建议密封方式

REV.	ECN.NO.	MODIFY.CONTENT	DATE
G	—	增加O-ring材质描述	06/04' 18
G1	—	修改舌片结构, 密封胶变更为PA46	03/19' 20
G2	—	增加D/C, 镭雕区域标示	03/19' 20
H	—	更换防水胶材质, 变更料号	09/17' 20
H1	—	增加激光焊点 端子焊脚由镀金变更为锡电镀	11/05' 20



前后组装方式



组装面板后公母头对插示意图

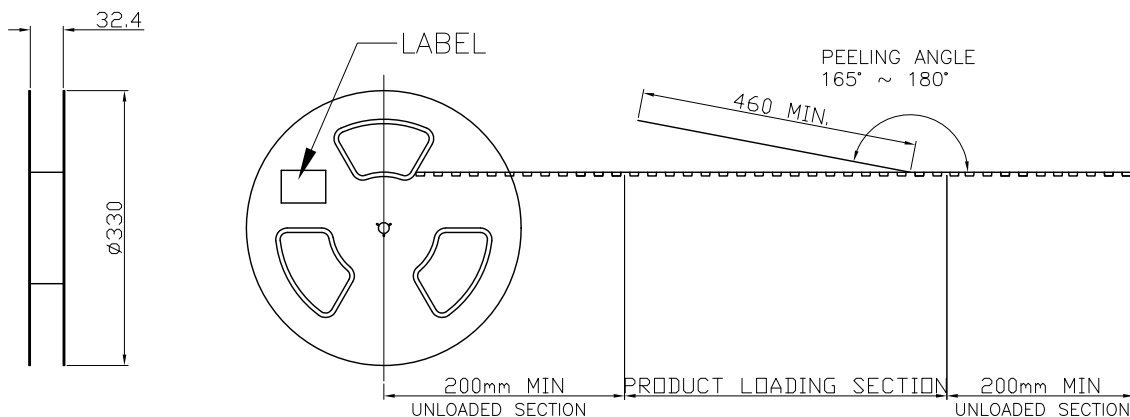
此文件为双方检验的唯一标准  
This document is the only standard for inspection by both parties

GENERAL TOLERANCE		DRAWN	WHSw	11/05'20	SCALE	PART NO.	1UBC030J24R12-HF
X.±0.30	x.°±1°	CHECKED	Ray.Lee	11/05'20	1:1	TITLE	USB Type C CL=0.3 DIP+SMT Type
.XX±0.25	.x°±0.1°	APPROVED	Murry.Lv	11/05'20	UNITS	mm	CUSTOMER DRAWING
.XX±0.20		File NO.	UBC03001S				
.XXX±0.10		REV.	蘇州祥龍嘉業电子有限公司				
SHEET	2/3	Q'TY	1	H1	Goldenconn Electronic Technology Co.,LTD		

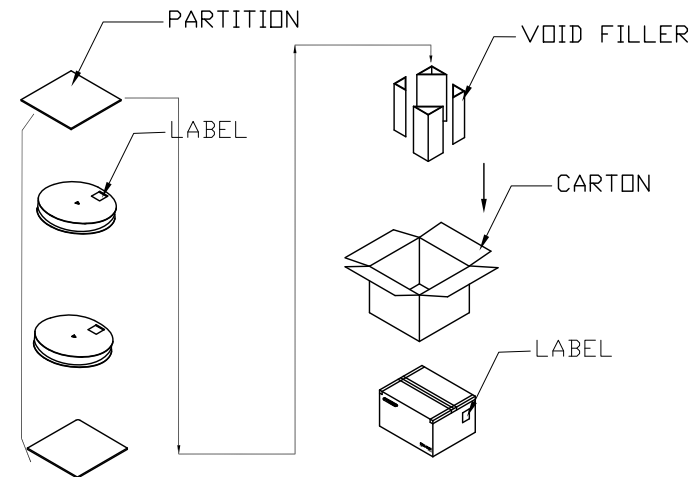
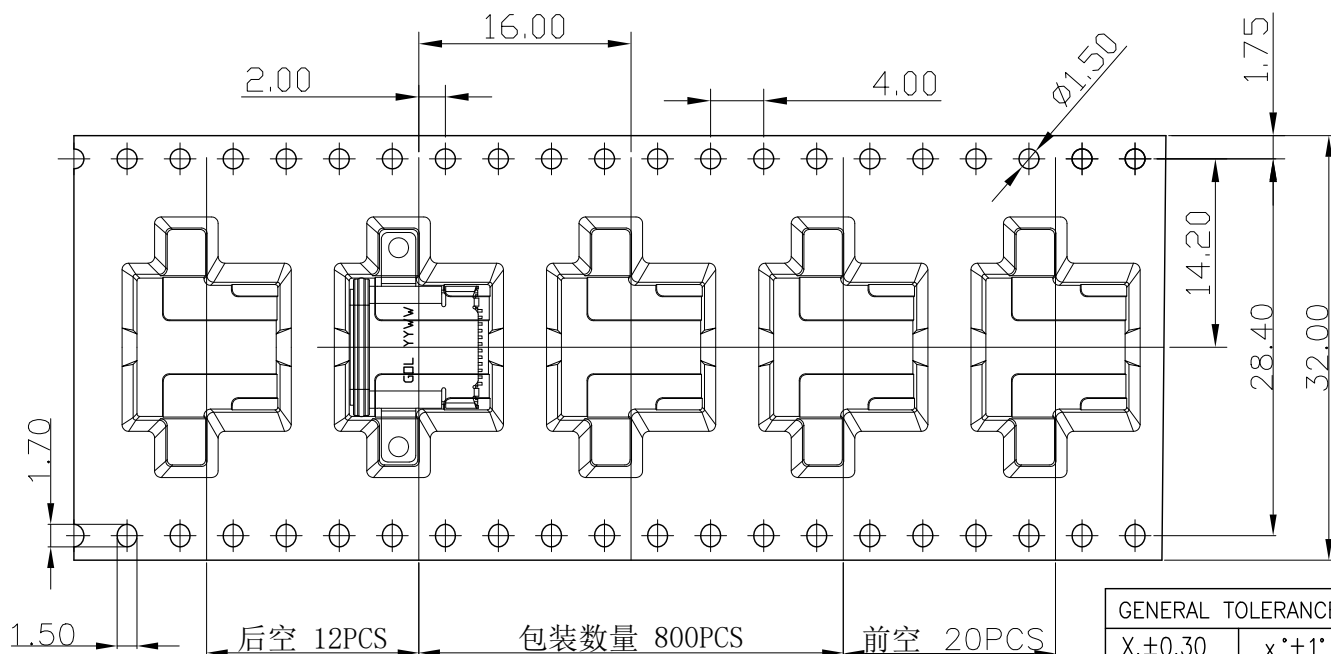
REV.	ECN.NO.	MODIFY.CONTENT	DATE
G	--	增加O-ring材质描述	06/04' 18
G1	--	修改舌片结构, 塑胶变更为PA46	06/21' 19
G2	--	增加D/C, 镗雕区域标示	03/19' 20
H	--	更换防水胶材质, 变更料号	09/17' 20
H1	--	增加激光焊点 端子焊脚由镀金变更为锡电镀	11/05' 20

NOTES :

- MATERIAL :  
COVER TAPE : P.S T=0.05mm  
CARRIER TAPE : P.S T=0.40mm  
CARTON: CORRUGATED FIBER
- DIMENSION :  
REEL : SEE DRAWING  
SHIPPING BOX: 350X350X300mm
- QUANTITY : SEE TABLE
- PEELING RESISTANCE : 10gf~130gf (for 12~56mm)
- PEELING SPEED : 300mm/MINUTES



PULL OUT DIRECTION →



800	7	5600
PCS/REEL	REEL/BOX	TOTAL Q'TY

GENERAL TOLERANCE		DRAWN	WHSu	11/05'20	SCALE	PART NO.	1UBC030J24R12-HF
X.±0.30	x.°±1'	CHECKED	Ray.Lee	11/05'20	N/A	TITLE	USB TYPE CL=0.3 DIP+SMT TYPE
.XX±0.20	.x'±0.1'	APPROVED	Murry.Luu	11/05'20	UNITS	mm	CUSTOMER DRAWING
.XX±0.10		File NO.	UBC03001S				
.XXX±0.05		REV.					
SHEET	3/3	Q'TY	1	H1	蘇州祥龍嘉業電子科技股份有限公司 Goldenconn Electronics Technology Co.,LTD		