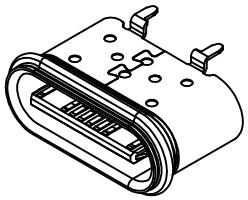
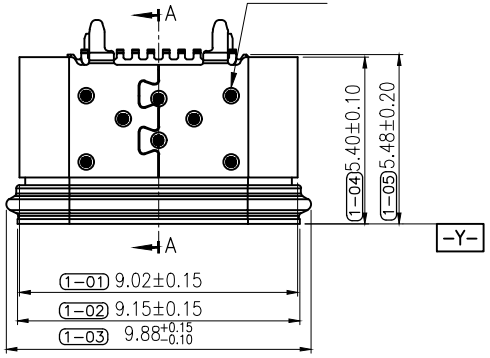
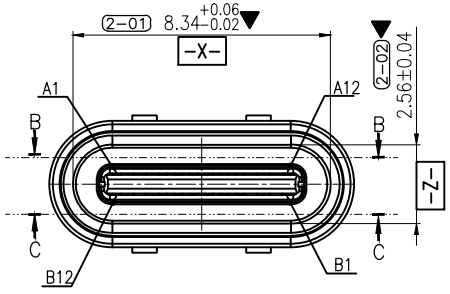
RoHS Compliant

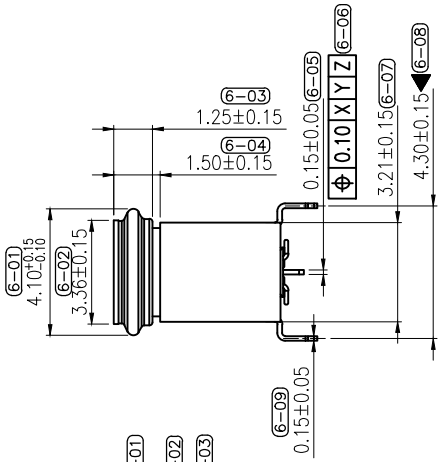


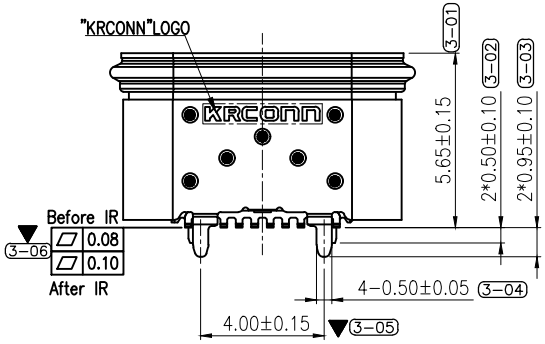
3d view
Front

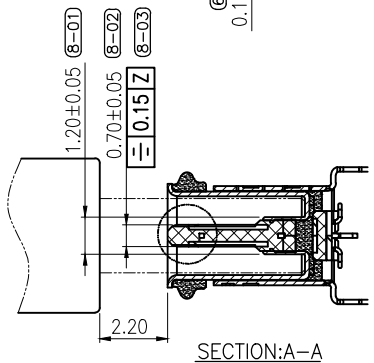




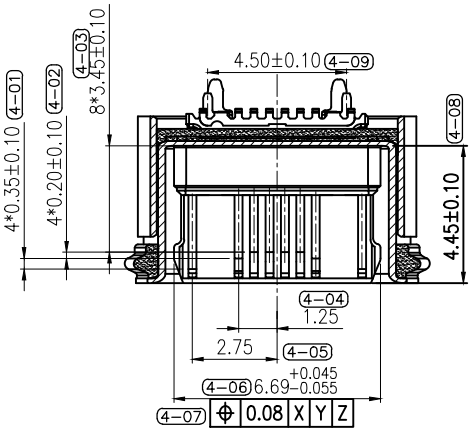


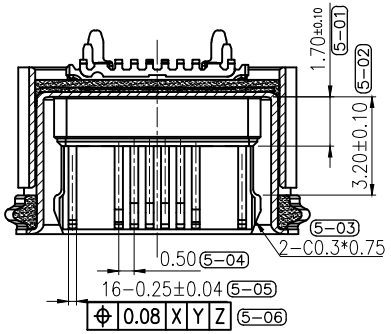




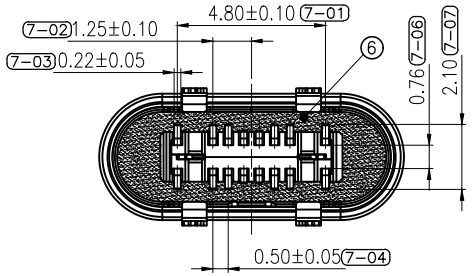


SECTION:A-A

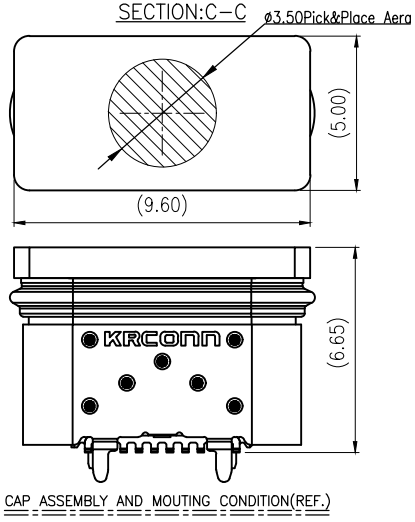




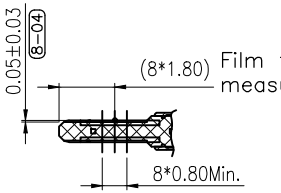
SECTION:B-B



SECTION:C-C



CAP ASSEMBLY AND MOUTING CONDITION(REF.)



Plating of Contact Area

30 Min/1.5m
IP-68

SCALE:	UNIT: mm				
SIZE: A4					
Unless otherwise General Tolerance: X. ±0.25 X.x ±0.20 X.xx ±0.15 X.xxx ±0.10 X° ±5°					

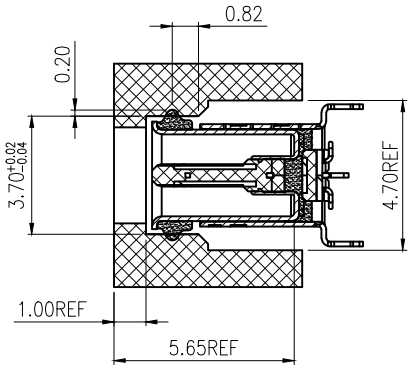
鸿康科技（东莞）有限公司
Hongkang Technology (Dongguan) Co., Ltd

TITLE:防水TYPE C母座16PIN 立贴 L=5.75				PART NO.0505.WPCF.16LS.J7	
SCALE: 1:1	UNIT: mm	DRAWN	DATE	CHECKED	APPROVED
SHEET: 1/1		Li Xiang	2023.02.3	Gu YiFei	Chen KaiMing

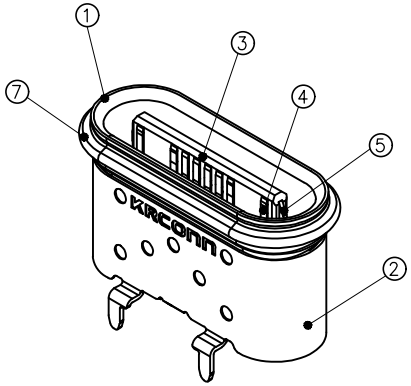
RoHS Compliant

PIN ASSIGNMENTS:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D−	SBU1	VBUS			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND			VBUS	SBU2	D−	D+	CC2	VBUS			GND



RECOMENDED OPENING DIMENSIONS OF CASE MATING AREA WITH SEALING RING



3D视图

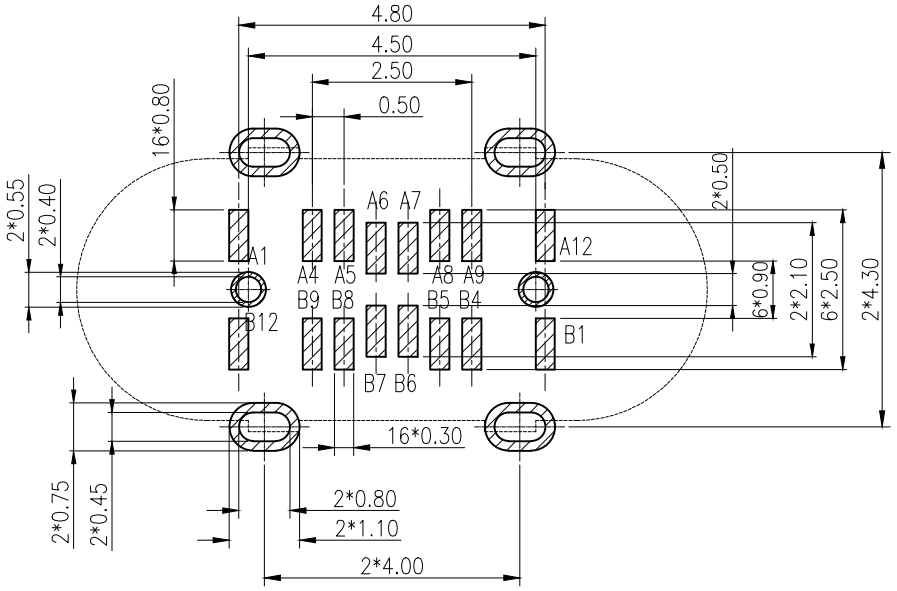
SPECIFICATION:

1.ELECTRICAL CHARACTERISTICS:

1.1 CURRENT RATING: Vbus 5A,
VCONN PIN 1.25A All OTHER PINS:0.25A
1.2 CONTACT RESISTANCE: 40 mOHM MAX.
1.3 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s
1.4 INSULATION RESISTNACE: 100 MEGOHMS MIN.

2.MECHANICAL CHARACTERISTICS
2.1 INSERTION FORCE: Initial:5~20N;Durability:5~20N(10000cycles);
2.2 EXTRACTION FORCE: Initial:8~20N;Durability:6~20N(10000cycles);
2.3 DURABILITY:10000 CYCLES

3.ENVIRONMENTAL CHARACTERISTICS
3.1 TEMPERATURE RANGE: -40 °C ~ 85 °C
3.2. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.
3.3. WATERPROOF:IP68

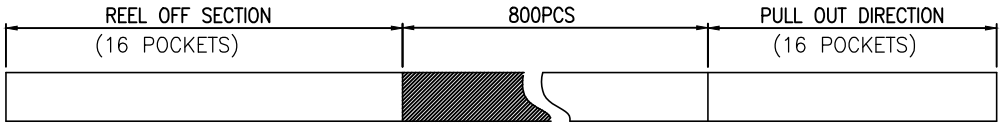


焊盘区域 RECOMMENDED P.C.B LAYOUT (THICKNESS:0.80MM)
DEFAULT TOLERANCE: ±0.05mm
THE THICKNESS OF STEEL MESH IS 0.12mm

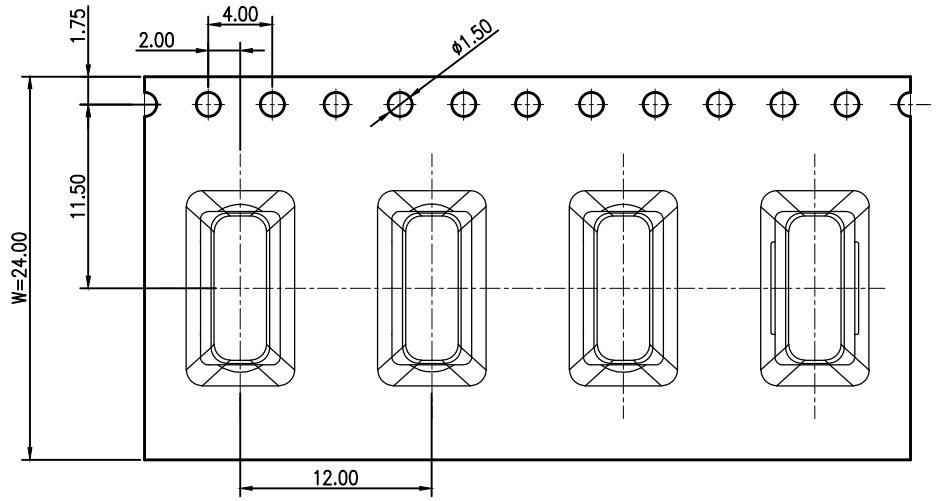
NO.	DESCRIPTION	QTY.	MATERIAL	FINISH
⑦	O-RING	1 PCS	SILICONE	BLACK
⑥	GLUE WATER	1 PCS	SILICONE	BLACK
⑤	MID PLATE	1 PCS	SUS301-H T=0.15mm	THE OVERALL CLEANING
④	CONTACT	2 SET	C7025 T=0.12mm	Ni 50u"-150u". UNDER PLATED OVER ALL. CONTACT AREA:15u"Au BRUSH PLATING SOLDER AREA:1u"Au"
③	HOUSING	1 PCS	PA10T HPN-FRG30M01-20ANH	COLOR: BLACK UL94V-0
②	SHELL	1 PCS	SUS304-1/2H T=0.15mm	Ni 50u". UNDER PLATED OVER ALL.
①	SHELL-main	1 PCS	SUS316-L T=0.15mm	GRINDING AND POLISHING

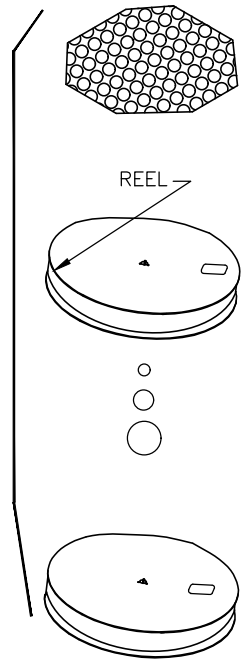
SCALE:	UNIT: mm	鸿康科技（东莞）有限公司 Hongkang Technology (Dongguan) Co., Ltd			
SIZE: A4		TITLE:防水TYPE C母座16PIN 立贴 L=5.75		PART NO.0505.WPCF.16LS.J7	
Unless otherwise General Tolerance: X. ±0.25, X.x ±0.20, X.xx ±0.15, X.xxx ±0.10, X° ±5°		SCALE: 1:1 / UNIT: mm	DRAWN	DATE	CHECKED / APPROVED
		SHEET: 1/1	Li Xiang	2023.02.3	Gu YiFei / Chen KaiMing

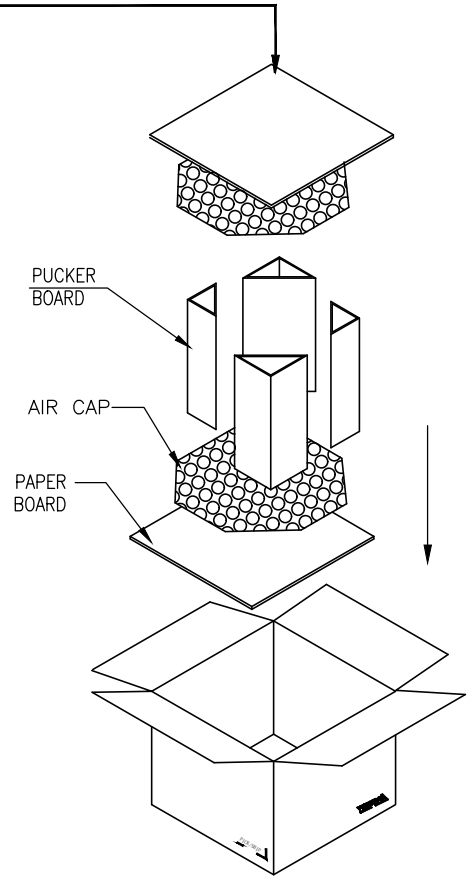
RoHS Compliant



CONN. PART NO.	CONN. QTY./REEL	REEL QTY./CARTON	CONN. QTY./CARTON
TWR25-56121605-K8	800	10	8000 PCS



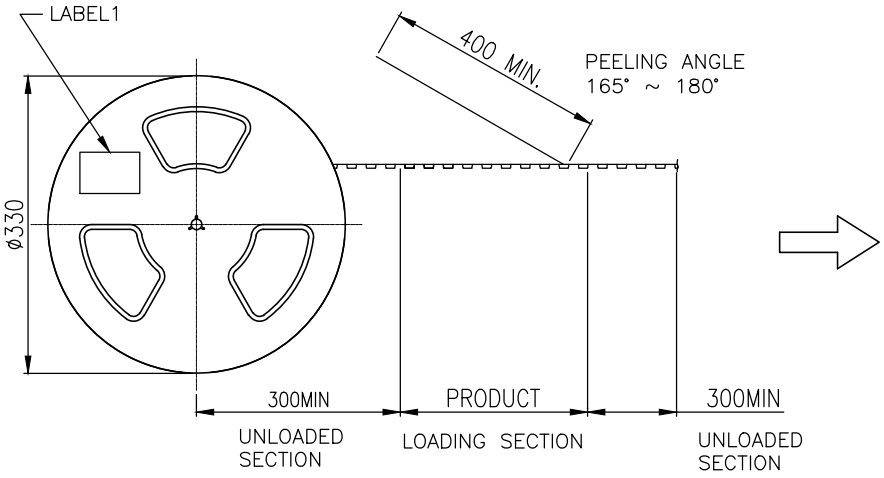




CUSTOMER TO USE DIRECTION

PULL OUT DIRECTION
(出料方向)

TOTAL
10LAYERS



SCALE:	UNIT: mm
SIZE: A4	

Unless otherwise General Tolerance:

X.	±0.25
X.x	±0.20
X.xx	±0.15
X.xxx	±0.10
X°	±5°

鸿康科技（东莞）有限公司
Hongkang Technology (Dongguan) Co., Ltd

TITLE:防水TYPE C母座16PIN 立贴 L=5.75				PART NO.0505.WPCF.16LS.J7	
SCALE: 1:1	UNIT: mm	DRAWN	DATE	CHECKED	APPROVED
SHEET: 1/1		Li Xiang	2023.02.3	Gu YiFei	Chen KaiMing