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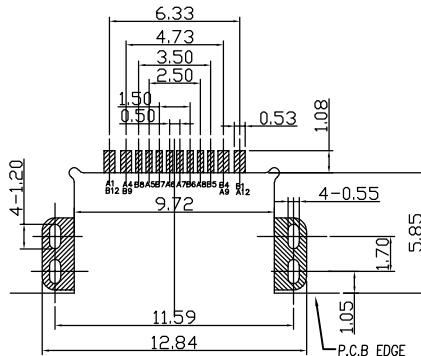
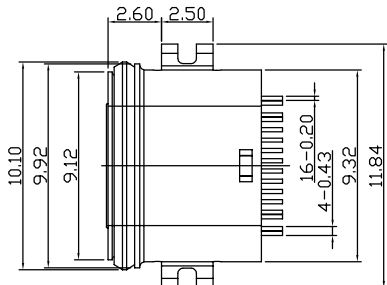
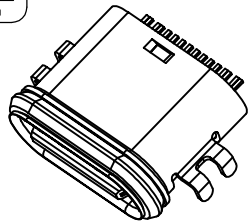
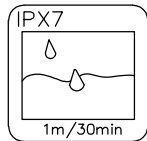
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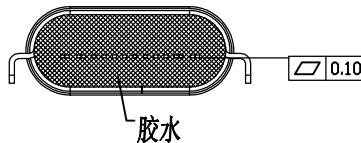
C

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A



RECOMMENDED PCB LAYOUT(TOP VIEW)
DEFAULT TOLERANCE: ±0.05



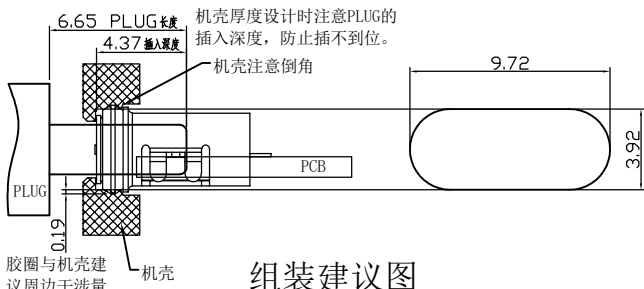
NOTES:

1. MATERIAL: SEE "TABLE 1";
2. FINISH: SEE "TABLE 1";
3. ELECTRICAL :
 - 3.1 CONTACT CURRENT RATING :
3A MAX FOR VBUS PIN ;
1.25A MAX FOR GND PIN;
0.25A MAX FOR OTHER PIN;
 - 3.2 INSULATION RESISTANCE :
100 MEGAOHMS MIN.
 - 3.3 DIELECTRIC WITHSTANDING VOLTAGE :
100V AC MAX
 - 3.4 CONTACT RESISTANCE :40mΩ 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. WATER PROOFNESS:THIS PRODUCT IS BASED ON IPX7.
6. PACKAGING: TAPE & REEL.

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

6	O RING	1	SILICON RUBBER	WHITE
5	OUTER SHELL	1	SUS304 Ni50U"	T=0.25mm
4	INNER SHELL	1	SUS304	T=0.20mm
3	MID PLATE	1	SUS301	T=0.15mm
2	Contact	16	C7025 Ni 50U"; Au 1U"Plating	T=0.15mm
1	Molding	1	PA10T (G.F30%)	BLACK
ITEM	PART NAME	Q'TY	FINISH	NOTE



组装建议图

REV.	ECN NO.	DESCRIPTION	DRAW/DATE	CHECKED	APPROVED
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Frame_A3
Rev.F2013/09/10

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GENERAL TOLERANCES		UNIT	mm			JKF Connectivity 杰康富精密电子有限公司 J K F precision Electronics Co., LTD						
DISTANCE X.		MATERIAL	SEE NOTES									
X.		FINISHED	SEE NOTES									
.X		APPROCED	KATE DENG	2024/05/30								
.XX		CHECKED	KATE DENG	2024/05/30	PART NO.	TITLE: USB TYPE C 16PIN(沉板1.4MM) IPX7						
.XXX						JK-US3516AGB0151R						
ANGLE		DESIGN	FAND	2024/05/30	DRAWING NO.	0022IPX7						
X.		DRAWN	Wang Yan	2024/05/30	SCALE	1:1	SIZE	A3	SHEET	1 OF 1	REV.	A
.X												
.XX												



杰康富精密电子有限公司
J K F precision Electronics Co., LTD

TITLE:

USB TYPE C 16PIN(沉板1.4MM) IPX7

PART NO.

JK-US3516AGB0151R

DRAWING NO.

0022IPX7

SCALE

1:1

SIZE

A3

SHEET

1 OF 1

REV.

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