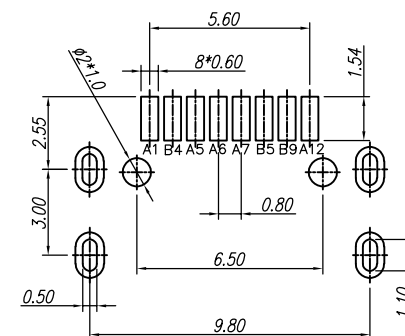




NOTE:

1.MATERIAL:

1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0; Black Color

1.2 CONTACT: C7025(T=0.20mm)

1.3 SHELL:STAINLESS STEEL(T=0.20mm)

1.4 MID PLATE: STAINLESS STEEL (T=0.15mm)

2.ELECTRICAL CHARACTERISTICS:

2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.

2.2 CONTACT CURRENT RATING: 5A FOR COLLECTIVELY
POWER SUPPLY PIN(PINA1,A4,A9,A12,B1,B4,B9,B12); 1.25A
FOR VCONN PIN; 0.25A FOR OTHER SIGNAL PIN.

2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.

2.4 INSULATION RESISTANCE 100MΩ Min

2.5 OPERATING TEMPERATURE: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$

3 MECHANICAL CHARACTERISTICS:

3.1 MATING FORCE: 5~20 N.

3.2 UNMATED FORCE: 8~20N INITIAL TEST; 6~20N
DURABILITY AFTER TEST

3.3 DURABILITY: 10,000 CYCLES

4. PLATING

4.1 TERMINAL CONTACT: Au 3u" PLATING ON CONTACT AREA; TIN 50u" Min TING ON SOLDER TAIL,SN 80u" Min UNDERPLATING OVERALL

4.2 SHELL: 50μ" Min. NICKEL ALL OVER.

4.3 MID PLATE: 50u" Min. NICKEL ALL OVER.

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B9	V _{BUS}	Bus Power
A5	CC1	Configuration Channel	B5	CC2	Configuration Channel
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B4	V _{BUS}	Bus Power
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1			
A12	GND	Ground return			

GENERAL TOLERANCES		UNIT	mm		 杰康富精密电子有限公司 J K F precision Electronics Co., LTD															
DISTANCE X.		MATERIAL		SEE NOTES																
X.	±0.25														SEE NOTES					
.X	±0.20	FINISHED																		
.XX	±0.15	APPROCED	KATE DENG												TITLE:	USB TYPE C 8PIN板上防水 IPX7				
.XXX	±0.10	CHECKED	KATE DENG												PART NO.	JK-US4508AGB0163R				
ANGLE		DESIGN	FAND		DRAWING NO.	82208-004														
X.	±3.0°					SCALE	1:1	SIZE	A3	SHEET	1 OF 1	REV.	A							
.X	±2.0°																			
.XX	±1.0°	DRAWN	Wang Yan																	