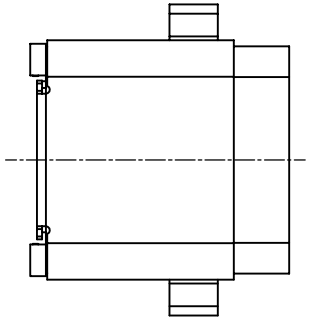
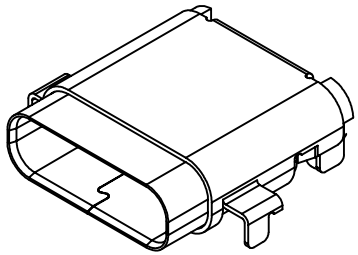
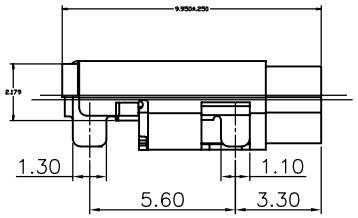
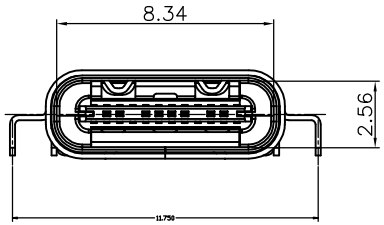
符合"DLK环境管理物质技术标准",符合USB协会规范要求

工程变更通知单 ECN(DCN) NO.	版本 REV	日期 DATE	说明 DESCRIPTION	改变 CHANGE	承认 APPRO.
KSECN17061	A	20171017	NEW	——	——









USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of firs SuperSpeed TX differential pair	B11	SSRXp1	Negative half of second SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Positive half of second SuperSpeed RX differential pair
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	RFU1	Reserved for Future Use (RFU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn1	Negative half of the USB 2.0 differential pair-Position 1
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp1	Positive half of the USB 2.0 differential pair-Position 1
A8	RFU1	Reserved for Future Use (RFU)	B5	CC1	Configuration Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXp2	Positive half of firs SuperSpeed TX differential pair
A11	SSRXn2	Positive half of second SuperSpeed RX differential pair	B2	SSTXn2	Negative half of first SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

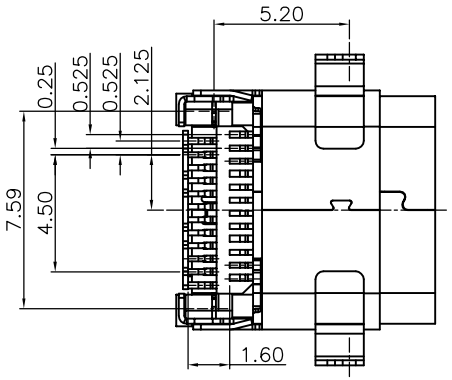
MATERIAL(材料):
1. HOUSING: LCP, GLASS FIBER FILLED, BK
   胶芯: LCP ,GLASS FIBER FILLED, 黑色
2. CONTACT: BRASS (t=0.12mm).
   端子: C2680R-H T=0.12mm
3. GUARD PLATE:STAINLESS STEEL,T=0.10mm
   护板: 不锈钢 T=0.10mm
4. SHIELD: STAINLESS STEEL (t=0.30mm).
   铁壳: 不锈钢 (t=0.30mm)

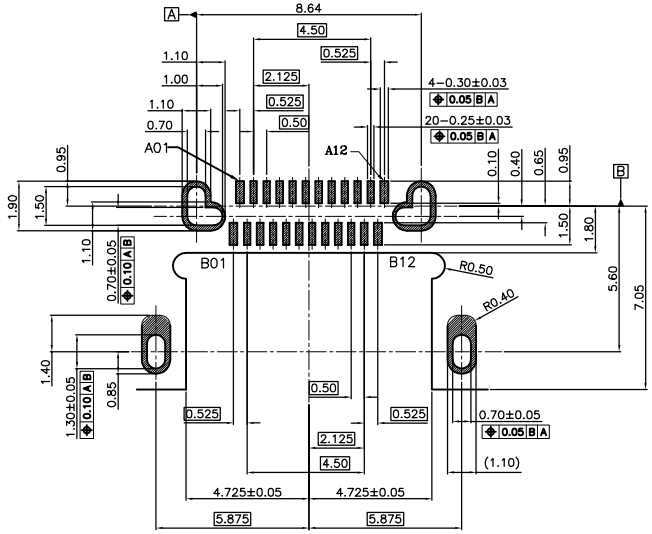
FINISH(电镀):
CONTACT : 30u″ GOLD PLATING ON CONTACT AREA
120u″ MIN. TIN(MATTE) PLATING ON SOLDERTAIL AREA
80u″ MIN. NICKEL UNDERPLATING OVER ALL
端子: 接触区先镀金30u″,焊接区镀锡120u″ MIN,镀镍底80u″ MIN
SHELL: PLATED NICKEL PLATING
铁壳: 镀全镍200u″ Min

ELECTICAL(电气性能):
1. CONTACT RESISTANCE : 40 Milliohm MAX.
   接触电阻: 40 Milliohm MAX.
2. DIELECTRIC WITHSTANDING VOLTAGE: 100V AC AT SEA LEVEL
   耐电压: 100V AC AT SEA LEVEL
3. INSULATION RESISTANCE: 100 Megohms MIN.
   绝缘电阻: 100 Megohms MIN

MECHANICAL(机械性能):
1. MATING FORCE: 5-20N MAX.
   插入力: 5-20N MAX.
2. UNMATING FORCE: 8-20N MIN.
   拔出力: 8-20N MIN
3. DURABILITY:10000 CYCLES
   耐久: 10000次

PACKING:900PCS/RELL





RECOMMENDED PCB LAYOUT
NORMAL TOL:±0.05

GENERAL TOLERANCE UNLESS OTHERWISE NOTED	
Angle	±1°
X.	±0.30
.X	±0.25
.XX	±0.15
.XXX	±0.10
A4	

德力康电子科技有限公司
DLK DELIKANG ELECTRONICS TECHNOLOGY CO.,LTD

C	名称 TITLE	USB 3.1 TYPE-C/F SMT			
档案名称 FILE NAME.	C-U3C4B-00-00		料号 PART NO:	U3C4BA-24BXXRNX0	
DRAWING	yh.wang	CHECKED	~	APPROVED	严成旺
UNIT:	mm	SCALE	1:1	SHEET: 1 of 1	