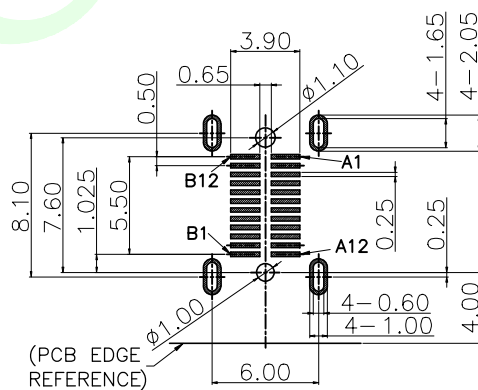
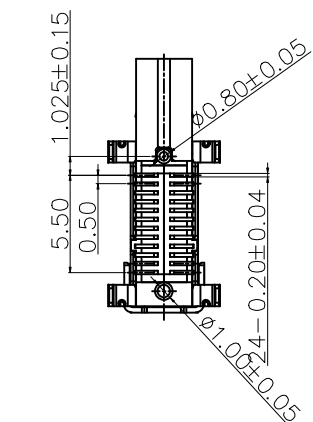
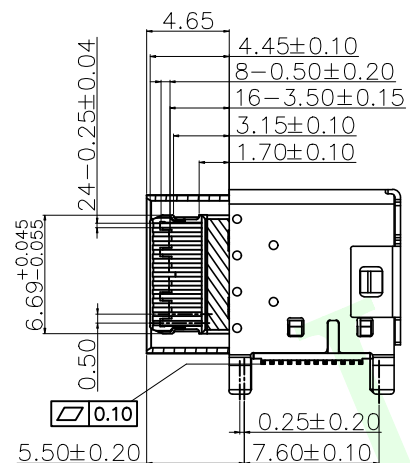
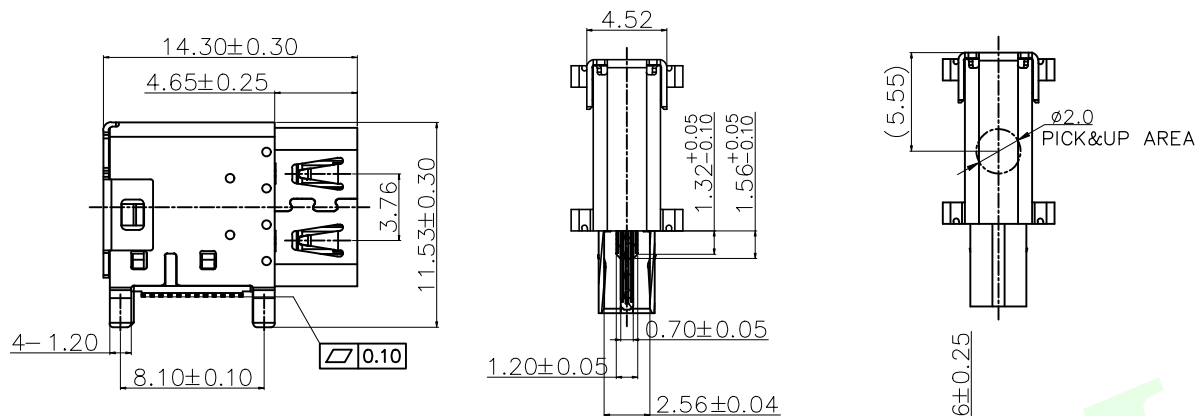


RoHS Compliant



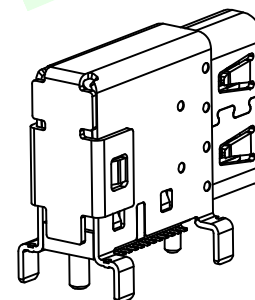
RECOMMENDED P.C.B LAYOUT
TOLERANCE ± 0.05mm (TOP VIEW)

MATERIALS

1. HOUSING : LCP (UL 94V-0), BLACK.
2. TERMINAL : COPPER ALLOY,
GOLD PLATED ON CONTACT AREA.
GOLD FLASH PLATING ON SOLDER TAIL.
NICKEL UNDERPLATED OVER ALL.
3. MID PLATE : STAINLESS STEEL.
4. SHELL : STAINLESS STEEL,NICKEL PLATING.

SPECIFICATION

1. CURRENT RATING : 5.0A FOR Vbus PIN,
1.25A FOR Vconn PIN,
0.25A FOR OTHER PINS.
2. CONTACT RESISTANCE : 40mΩ.
3. INSULATION RESISTANCE : 100MΩ MIN.
4. DIELECTRIC WITHSTANDING VOLTAGE : 100 VAC MIN.
5. OPERATING TEMPERATURE : -40°C TO +85°C.
6. MATING FORCE : 5~20N.
7. UNMATING FORCE : 8~20N.
8. DURABILITY : 10,000 CYCLES.
9. RECOMMENDED PROCESS :
THE PEAK TEMPERATURE ON THE BOARD SHALL
MAINTAIN 260°C.



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

07	EMI片	SUS304-H T=0.10	2	不电镀
07	外壳	不锈钢	2	SUS 304 1/2H, T0.30 整体镀镍50U
06	二次Molding件	LCP	1	黑色 UL94 V-0
05	Molding件2	LCP	1	黑色 UL94 V-0
04	Molding件1	LCP	1	黑色 UL94 V-0
03	中夹片	SUS301-H T=0.15	1	不电镀
01	端子	C7025-H T=0.12	1set	整体镀镍60U, 功能接触区镀金3U, 焊脚镀金1U
序号	品名	材质	用量	备注

QUADRANT POINT (QP)
TANGENCY POINT (TP)
INTERSECTION POINT (IP)

UNLESS OTHERWISE
SPECIFIED, TOLERANCE:

X.	±0.50
X.x	±0.30
X.xx	±0.10
ANGULAR	±3°



联晟欣连接器 (深圳) 有限公司
Lianshengxin Connector (Shenzhen) Co., Ltd

DESIGN	Andy	DATE	2014.12.24
CHECKED		DATE	
APPROVED		DATE	

PART NO: LCK-TCF924-L143YL-G3

DRAWING NO:

TITLE:
USB TYPE C 24侧贴中心高5.06脚距6.0镀金3u

REV: 04	SCALE: 1:1	UNIT: mm
SIZE: A4	SHEET: 1/1	