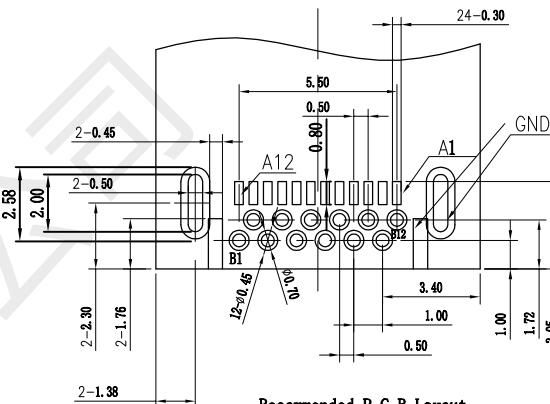
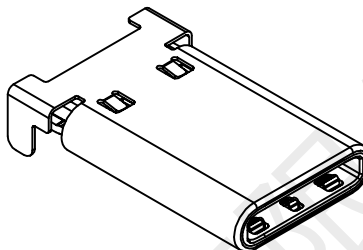
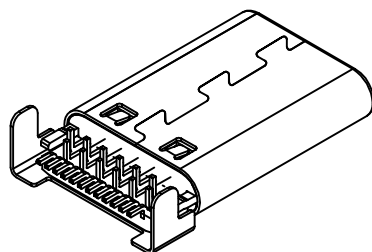
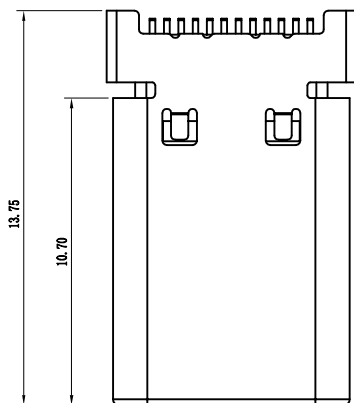




RoHS
Compliant

REV.	ZONE	DESCRIPTION	DESIGN	DATE
B		NEW		



Recommended P.C.B Layout

1. Material: Tolerance ± 0.05
Contacts: Copper alloy $T=0.15$
Insulator: HIGH TEMPERATURE PLASTIC UL 94V-0,
Shell: STEEL $T=0.15$
2. Electrical:

Rated voltage: 5.0V/5.0A

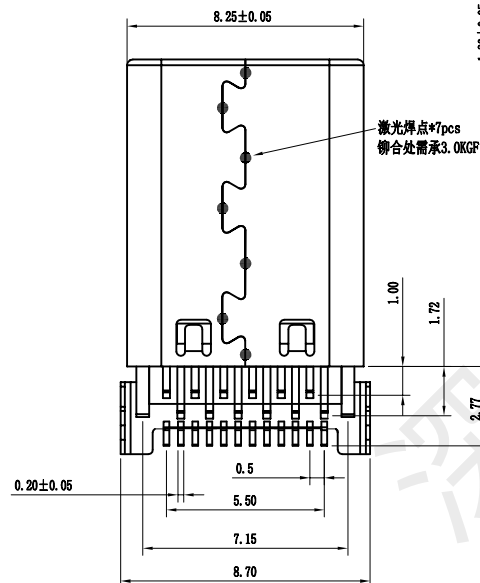
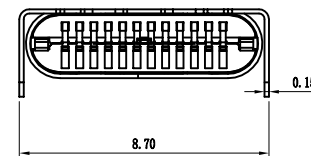
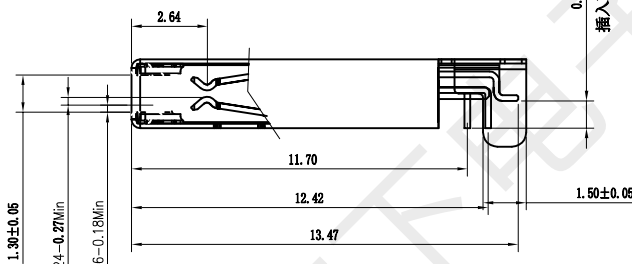
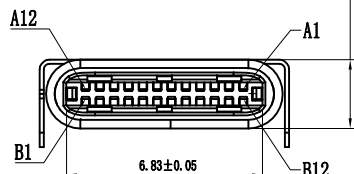
Withstanding Voltage: 100V AC R.M.S
Contact Resistance [ohms]: 40m Ω Max. For
Initial 10m Ω . Change After
Test: Measure AT 20mV, 100mA
Insulation Resistance [ohms]: 100 m Ω min.

3. MECHANICAL CHARACTERISTICS:

Mating force: 5~20N
Unmated Force: 6~20N After test.
Durability: 10000 cycles min.

4. Plating:

Contacts: SEE TABLE Au plated on contact area,
Bright Tin plating 80~100 μ Min on solder area
Nickel Under plating 20 μ Min over all
Shell : plating 20~50 μ Nickel over CU
5. Environmental
Temperature Range: -40 $^{\circ}$ C~+85 $^{\circ}$ C



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC	B8	SBU2
A6	D+	B7	
A7	D-	B6	
A8	SBU1	B5	Vconn
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

G	EMI	2	SUS301	
F	CONTACT	12	C7025	Au:1U"
E	TOP COVER	1	LCP+30%GF, UL 94V-0	BLACK
D	BOTTOM COVER	1	LCP+30%GF, UL 94V-0	BLACK
C	GND PIN	1	SUS301	20~50U"NICKEL PLATED
B	CONTACT	12	C7025	Au:1U"
A	SHELL	1	SUS301	20~50U"NICKEL PLATED
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
X.	± 0.50	X.* $\pm 2^{\circ}$	UNITS	
.X	± 0.30	.X* $\pm 1^{\circ}$	mm	
.XX	± 0.10	.XX* $\pm 0.5^{\circ}$	MAT'L	
.XXX	± 0.05			
		FINISH		
		Q'TY		
Hx TYPE C-M 24P RA-QCHT type-c 24pin				
APPD: 罗小春 2020.8.24				DWG NO.:
CHKD: 张伟 2020.8.24				
DR: 黄彬 2020.8.24				
				SCALE SHEET REV.
				1/1 1/1 A1



深圳市韩下电子有限公司



深圳市韩下电子有限公司
Shenzhen Hanxia Electronic Co., Ltd
Tel: 0755-23086569

承 认 书

SPECIFICATION FOR APPROVAL

产 品 编 码
Material code:

产品名称 Project:

TYPE-C

规格型号 Part No:

HX TYPE C-M 24P RA-QCHT type-c 24pin

贵公司承认印 Approval signatures

料 号/Part No.	签 章/Signatures

日期 Date:

拟制/Drawn	黄彬	
审核/Check	张伟	
批准/Approved	罗小春	