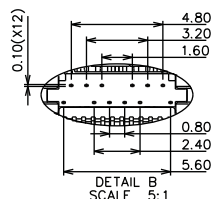
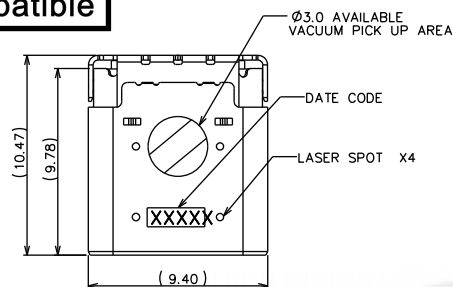


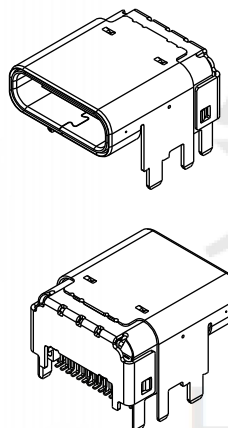
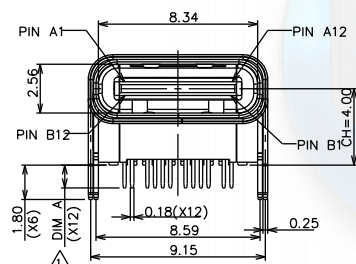
ROHS

Compatible

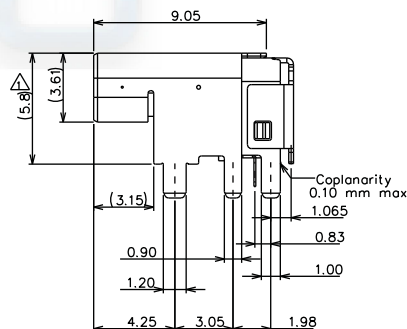
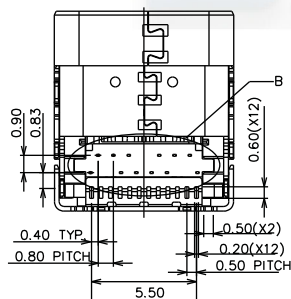


△ NOTES

- 1.0 ELECTRICAL CHARACTERISTICS
 - 1.1 LOW LEVEL CONTACT RESISTANCE
INITIAL 40mΩ FOR ALL CONTACT MAXIMUM.
AFTER TEST: 50mΩ MAXIMUM
 - 1.2 DIELECTRIC WITHSTANDING VOLTAGE:
100V AC FOR 1 MINUTE SEA LEVEL
 - 1.3 INSULATION RESISTANCE:
100MΩ MINIMUM.
 - 1.4 CURRENT RATING:
VBUS AND GND CONTACTS RATED AT 1.25A EA.
PARALLEL FOR A TOTAL OF 5A
- 2.0 MECHANICAL CHARACTERISTICS:
 - 2.1 INSERTION FORCE: 1~10000 CYCLES 5N~20N
 - 2.2 EXTRACTION FORCE:
INITIAL EXTRACTION FORCE 6TH CYCLES OF 8N ~ 20 N
1~5 INSERTION/EXTRACTION PRECONDITIONING CYCLES
DURABILITY 32TH EXTRACTION FORCE SHALL BE 33% OF
THE INITIAL READING AND WITHIN THE RANGE 8 N ~ 20 N.
(6 CYCLES ADDITIONAL 25 INSERTION/EXTRACTION CYCLES)
AFTER DURABILITY 10,000 CYCLES OF 6N ~ 20N
 - 2.3 DURABILITY: 10,000 CYCLES.
 - 3.0 OPERATING TEMPERATURE: -55°C TO +85°C



U5	424-	24P	x	2.2G	10.47L
↓	↓	↓	↓	↓	↓
名称	流水号	PIN位	N:母座	G:垫高	L:长度



5	GROUND PLATE	1	~	METAL / Ni PLATED
4	OUTER SHELL	1	~	METAL / Ni PLATED
3	SHELL	1	~	METAL / Ni PLATED
2	CONTACT	24	~	COPPER ALLOY / Au PLATED
1	HALF PRODUCT	3	~	HI-TEMP G.F. UL94V-0
ITEM	NAME	Q'TY	PART #	MATERIAL / FINISH

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
SIGNAL NAME	GND	SSTxp1	SSTXn1	Vbus	CC1	Dp1	Dn1	SBU1	Vbus	SSRXn2	SSRXp2	GND
PIN NUMBER	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
SIGNAL NAME	GND	SSRXo	SSRXn	Vbus	SBU2	Dn2	Dp2	CC2	Vbus	SSTXn2	SSTXp2	GND

DESIGN	Li Jinwei	SCALL			DRAWG NO.	
DRAWING	Wu Qifa	UNIT	mm		TOLERANCE	U5424-24PN2.2G10.47L
CHECK	Zheng Jinxian	SIZE	A4: 210 * 297		X.X ±0.30 X.°±2° .XX ±0.20 .X° ±1° .XXX ±0.10 .XX°±0.5°	TITLE:
APPROVAL	Liu Xiaohong	DATE	2020-06-10			24P 板上六脚插板DIP+SMT 垫高2.2mm CH4.0mm 10.47L



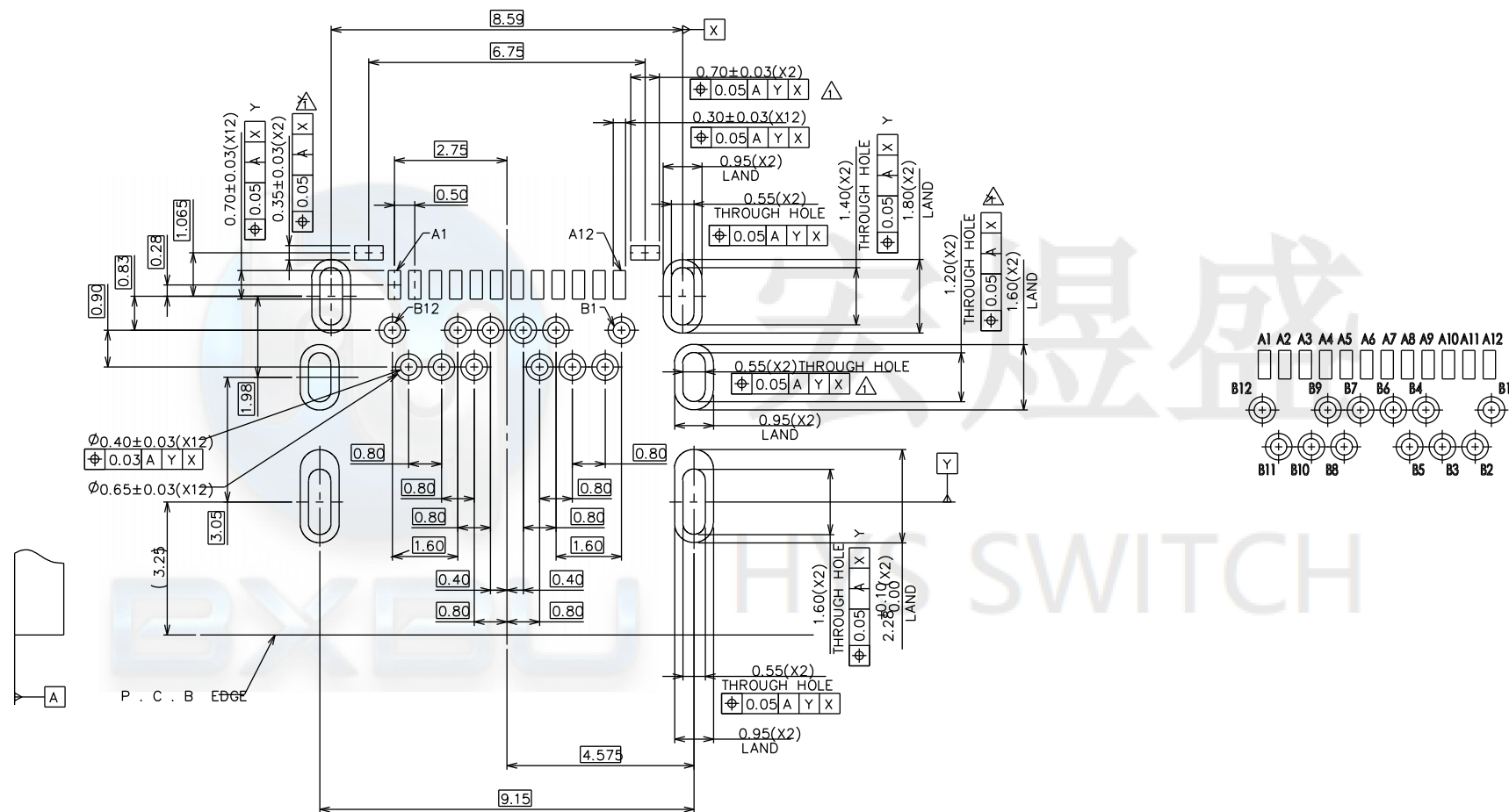
广东宏煜盛电子科技有限公司

Guangdong Hongyusheng Electronic Technology Co., Ltd.

BXBU TEL:0752-6632356 <https://www.hystypec.com>

ROHS

Compatible



RECOMMENDED PCB LAYOUT
THICKNESS IS 1.0mm
TOLERANCE ± 0.05

DESIGN	Li Jinwei	SCALL		 TOLERANCE X.X ±0.30 X.°±2° .XX ±0.20 X.°±1° .XXX ±0.10 .XX°±0.5°	DRAWG NO.	 广东宏煜盛电子科技有限公司 Guangdong Hongyusheng Electronic Technology Co., Ltd. TEL:0752-6632356 https://www.hystypec.com
DRAWING	Wu Qifa	UNIT	mm		U5424-24PN2.2G10.47L	
CHECK	Zheng Jinxian	SIZE	A4: 210 * 297		TITLE:	
APPROVAL	Liu Xiaohong	DATE	2020-06-10		24P 板上六脚插板DIP+SMT 垫高2.2mm CH4.0mm 10.47L	