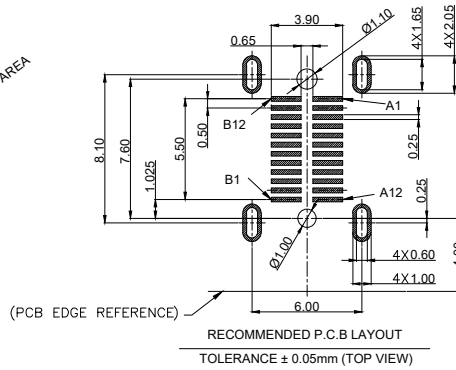
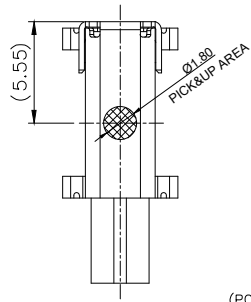
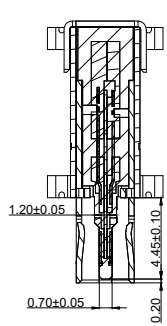
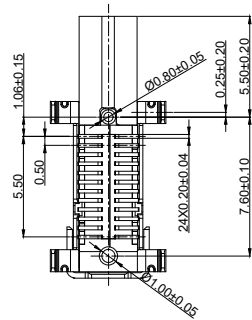
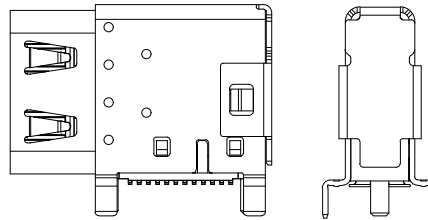
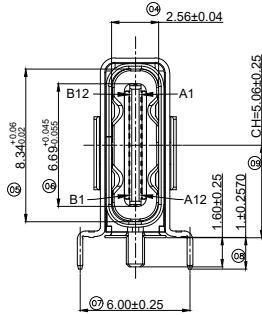
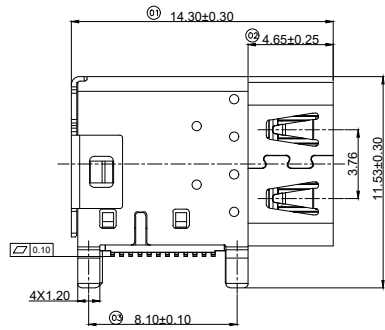


REV.	ECN.NO.	MODIFY.CONTENT	DATE
A		NEW	2020/03/17



SPECIFICATION

- CURRENT RATING : 5.0A FOR Vbus PIN,
1.25A FOR Vconn PIN,
0.25A FOR OTHER PINS.
- CONTACT RESISTANCE : 40mΩ.
- INSULATION RESISTANCE : 1000MΩ MIN.
- DIELECTRIC WITHSTANDING VOLTAGE : 500 VAC MIN.
- OPERATING TEMPERATURE : -40°C TO +85°C.
- MATING FORCE : 5~20N.
- UNMATING FORCE : 8~20N.
- DURABILITY : 10,000 CYCLES.
- RECOMMENDED PROCESS :
THE PEAK TEMPERATURE ON THE BOARD SHALL MAINTAIN 260°C.
- MATERIAL SPECIFICATION:
1).HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,
UL94 V-0.BLACK
2).CONTACTS:COPPER ALLOY
3).SHELL: STAINLESS STEEL
- PLATING SPECIFICATION:
2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
1u" Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
Au GOLD FLASH PLATED ON SOLDER AREA.
2-2.SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.



PIN ASSIGNMENT

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	Vbus	CC1	D+	D-	SBU1	Vbus	RX2-	RX2+	GND
GND	RX1+	RX1-	Vbus	SBU2	D-	D+	CC2	Vbus	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

ITEM	DESCRIPTION	QTY	MATERIAL	FINISH
5	TERMINAL	24	COPPER ALLOY (NKE012-EH)	MATING SIDE:SEE TABLE 1 SOLDER TAIL:G/F, 50u" NICKEL OVERALL.
4	OUT SHELL	1	SUS304	30u" NICKEL PLATING
3	INNER SHELL	1	SUS304	30u" NICKEL PLATING
2	MID PLATE	1	SUS301	30u" NICKEL PLATING
1	MAIN HOUSING	1	HIGH TEMPERATURE	LCP BLACK UL94V-0
BILL OF MATERIAL				

GENERAL TOLERANCE	DWG NO.	APPD:	WIND	Scale	1:1	
X.±0.45	x.'±5°	Title	CHKD:	UNIT	mm	
.X±0.35	.x'±2°	Part NO.	DR:			
.XX±0.25	.xx'±1°	I-U424600E9-1	Date			2020/03/17
.XXX±0.15	.xxx'±0.5°	 东莞市铭标电子科技有限公司 Ming Biao Electronic Technology Co., Ltd.				
SHEET	1/2					