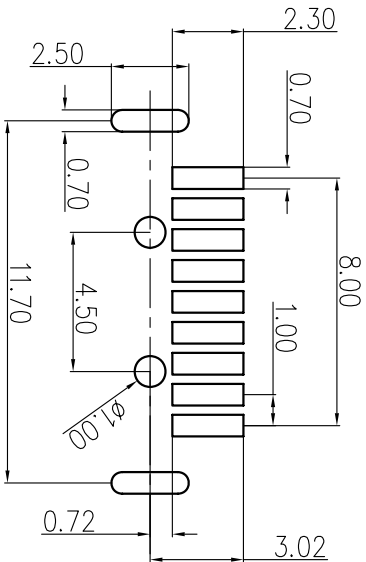


REV.	ECN.NO.	APPD.
A	/	pcy

Remark:
1.MATERIAL:
1.1 Housing:thermoplastic plastics.
1.2 terminals:Copper Alloy
1.3 Shell:Copper Alloy/SPCC.

2.characteristics:
2.1 Rating Voltage : 30V AC.
2.2 Rating Current:PIN1&PIN4(Vbus&Corresponding ground PIN)
1.8A MAX Other PINS 0.25A min.
2.3 Contact Resistance:PIN1&PIN4:30 mΩ MAX. Other PINS: 50 mΩ
2.4 Insulation Resistance:100 MΩ MIN.
2.5 Withstanding Voltage:AC 100V between adjacent contacts
2.6 Mating force: 3.57Kg^f MAX(35N MAX)
2.7 Extraction force:1Kg^f Min(9.8N Min)
2.8 Life test:1500Cycles MIN.
2.9 Temperature Range: -30℃~+80℃.



PCB LAYOUT

U318-012X-XXXOX1

- 1:Iron alloy
- Ni plating
- 5:Copper alloy
- Ni plating
- 1:Au 1u"
- 3:Au 3u"
- 5:Au 5u"
- 7:Au 10u"
- 8:Au 15u"
- A:Au 30u"
- 1:PA66
- 2:PBT
- 6:LCP
- 1:tray
- 2:Tube
- 8:Tape&Reel
- 9:Tape&Reel+Mylar
- 1:Black
- 7:Blue 300C
- 8:Blue 300C-1
- C:Blue 300C-2
- E:Blue 300C-3
- 9:Carbon black425C

Pin Number	Signal Name	Pin Number	Signal Name
1	VBUS	5	SSRX-
2	D-	6	SSRX+
3	D+	7	GND
4	GND	8	SSTX-
Shell	Shield	9	SSTX+

TOLERANCE UNLESS OTHERWISE SPECIFIED		HUA LIAN WEI TECHNOLOGY ELECTRONICS CO.,LTD.	
XXX ±0.10	X' ±3	HLW 深圳市华联威电子科技有限公司	
XX ±0.20	X' ±2		
.X ±0.30			

APPROVED	PART NAME:	USB3.0 AM 贴片式		
CHECKED	PART No:	U318-012X-XXXOX1		
DRAWED	PROJECTION:	UNIT:	SCALE	SHEET
DATE		mm	1:1	1 OF 1
				A