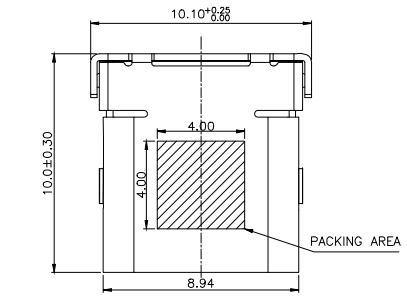
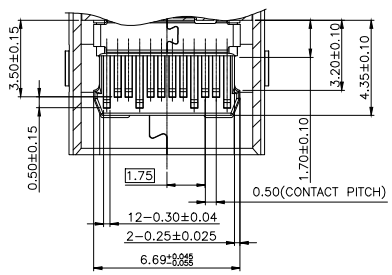
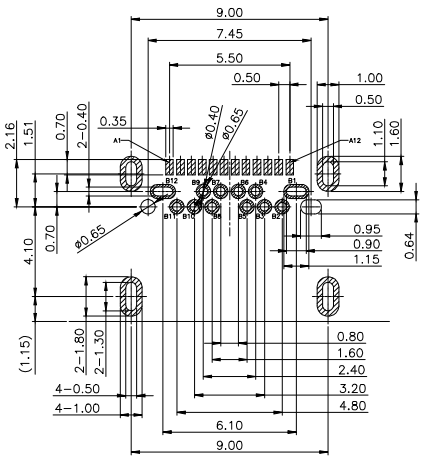




SECTION A−A



Recommended PCB layout
Tolerance for PCB layout ±0.05
Keep out area

NOTES:

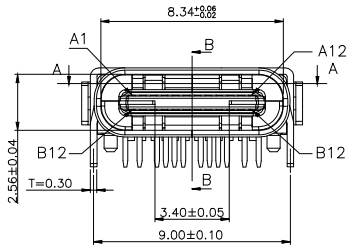
1.MATERIAL:
MOLDING: LCP UL94 V−0 Black
CONTACT:COPPER ALLOY.
GOLD 30u" CONTACT AREA,100u''
Min TIN (LEAD FREE) ON SOLDER AREA,
SHELL: SUS304−H,T=0.30±0.03mm
50u" NICKEL PLATING OVER ALL.
SHILD:SUS304−H,T=0.12±0.03mm

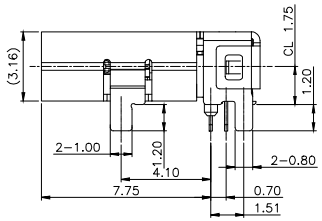
2.MECHANICAL:
INSERTION: 5~20N.
EXTRACTION: 8~20N.
DURABILITY: 10000 CYCLES

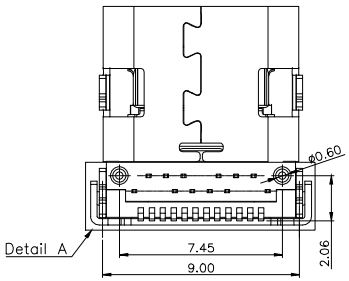
3.ELECTRICAL:
CURRENT: 5A FOR VBUS; 1.25A FOR GND
0.25A MIN FOR OTHER.
VOLTAGE: 20 V MAX
WITHSTANDING VOLTAGE: 100V AC.
CONTACT RESISTANCE: 40mΩ MAX.
INSULATION RESISTANCE: 100MΩ MIN.

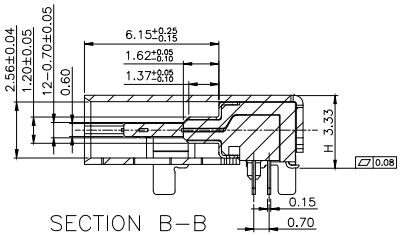
4.ENVIRONMENTAL
TEMPERATURE RANGE −55°C ~ +85°C

Packing:Tape & Reel

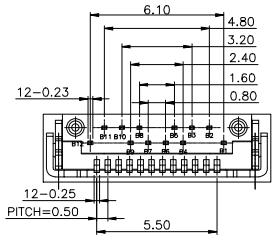


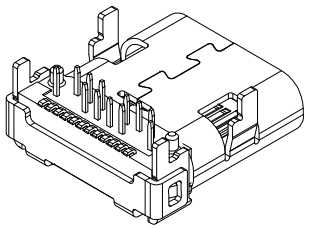






SECTION B−B





	A		B
1	GND	12	GND
2	TX+	11	RX−
3	TX−	10	RX+
4	VBUS	9	PWR
5	CC	8	SBU2
6	D−	7	D+
7	D+	6	D−
8	SBU1	5	Vconn
9	VBUS	4	PWR
10	RX+	3	TX+
11	RX−	2	TX−
12	GND	1	GND

RoHS compliant
Unit: mm

Scale	Free	
③ TOLERANCE		
X.	±0.38	
X.X	±0.25	
X.XX	±0.13	
DIM	TOL	
X.°	±3°	
.X°	±1°	
③ Angle	TOL	

Id.	Modification	Date	Name
③	Change of production plant	04.01.2019	Xavier
②	Change current rating from 3A to be 5A	20.06.2017	Fred
①	Update the P/N&Electrical data&Packing	02.08.2016	Winnie
⓪	Drawn	16.02.2016	Winnie

	Date	Name
Drawn	16.02.2016	Winnie
Approved	20.06.2017	Fred

ASSMANN WSW components

Customer-No.

ASSMANN WSW-No.
①AUSB1-DFN-PTR9

Drawing-No.
ASS 7158 CO
rev03

Replace

Sheet 1/1

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