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A

A

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

B

B

C

C

D

D

E

E

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

F

F

RoHS compliant
Unit: mm

Scale	Free					Date	Name	Customer-No.
③	TOLERANCE					Drawn	16.02.2016	Winnie
X.	±0.38					Approved	20.06.2017	Fred
X.X	±0.25	③	Change of production plant	04.01.2019	Xavier			ASSMANN WSW-No. ① AUSB1-DFN-PTR9
X.XX	±0.13	②	Change current rating from 3A to be 5A	20.06.2017	Fred			Drawing-No.
DIM	TOL	①	Update the P/N&Electrical data&Packing	02.08.2016	Winnie			ASS 7158 CO
X.°	±3°	①	Drawn	16.02.2016	Winnie			rev03
.X°	±1°	①	Drawn	16.02.2016	Winnie	Replace	Sheet	1/1
③	Angle	TOL	Id.	Modification	Date	Name		

H

H

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