

INFORMATIONS :

1.USB TYPE A ELECTRICAL CHARACTERISTICS:
 INSULATION RESISTANCE: 100Mohm MIN.
 CONTACT RESISTANCE: 30Mohm MAX.
 DIELECTRIC WITHSTANDING: 100VAC.
 CURRENT RATING: 1.5A MAX. AT 250 VAC MIN.
 INSERT FORCE: 35N MAX.
 EXTRACT FORCE: 10N MIN.
 DURABILITY: 5000 CYSLES.

2.USB TYPE C ELECTRICAL CHARACTERISTICS:
 VOLATAGE RATING: 100V AC
 INSULATION RESISTANCE: 100MQ
 CONTACT RESISTANCE: 40MQ
 CURRENT RATING: 5A MAX. AT 250 VAC MIN.
 INSERT FORCE: 5-20N MAX.
 EXTRACT FORCE: 8-20N MIN.
 DURABILITY: 10000 CYSLES.

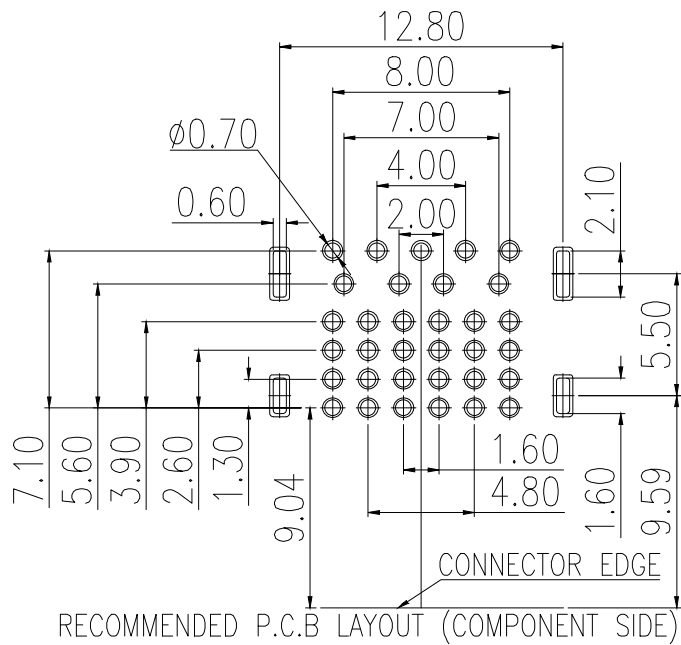
3.MATERIAL:
 3-1 Housing: PA9T (Black) UL 94V-0
 3-2 SHELL: STAINLESS STEEL SUS301-1/2H T=0.30mm

4.PLATING:
 4-1 TERMINA: GOLD PLATED ON SOLDER AREA.
 MATTE TIN PLATED ON SOLDER AREA.
 NICKEL 50-80u"
 MATTE TIN 80-120u"
 4-2 SHELL: NICKEL 80u" MIN

5.NOTES:
 5-1 RESISTANCE TO SOLDERING HEAT: 265°C
 FOR 5 SECONDS, AND ONLY FOR WAVE SOLDERING PROCESS

Order Code:
 A-USB1-GFK-2A-xTP1
 H = 30u" Au
 P = 15u" Au
 G = Gold Flash

G	RoHS compliant	Scale	Free					Date	Name	Description: USB Combo Connector female / Type C + Type A		
		TOLERANCE						Drawn	01.09.2020	Luca		
H	Unit:mm	.X	±0.38					Approved	01.09.2020	Luca	ASSMANN WSW-No. A-USB1-GFK-2A-xTP1	
		.XX	±0.25									
		DIM	TOL								Drawing-No. ASS 8656 CO	rev00
		X.°	±3°	ⓐ	Drawn	01.09.2020	Luca			Customer-No.	SHEET 1 / 2	
Angle	TOL	Id.	Modification	Date	Name							



T=1.60±0.05mm, DEFAULT TOLERANCE: ±0.05

TYPE A PIN DEFINE

PIN NUMBER	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND_DRAIN
8	StdA_SSTX-
9	StdA_SSTX+

TYPE C PIN DEFINE

	A		B
1	GND	12	GND
2	TX1+	11	RX1+
3	TX1-	10	RX1-
4	VBUS	9	VBUS
5	CC1	8	SBU2
6	Da+	7	Db-
7	Da-	6	Db+
8	SBU1	5	CC2
9	VBUS	4	VBUS
10	RX2-	3	TX2-
11	RX2+	2	TX2+
12	GND	1	GND

RoHS compliant

Unit:mm

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

Drawn	01.09.2020	Luca
Approved	01.09.2020	Luca
Id.	Modification	Date
Id.	Modification	Date

Date: 01.09.2020
 Name: Luca
 Description: USB Combo Connector female / Type C + Type A
 ASSMANN WSW-No. A-USB1-GFK-2A-xRT1
 Drawing-No. ASS 8656 CO rev00
 Customer-No. SHEET 2 / 2