

1

2

3

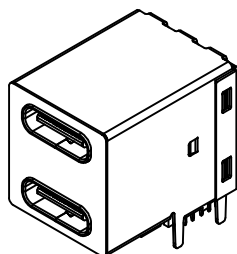
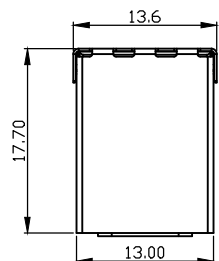
4

5

6

7

A

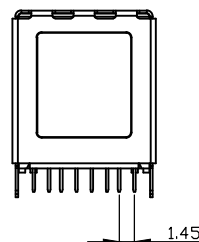
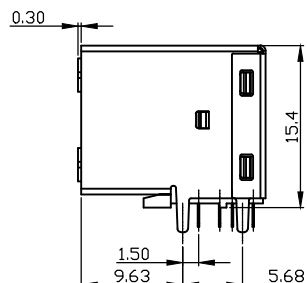
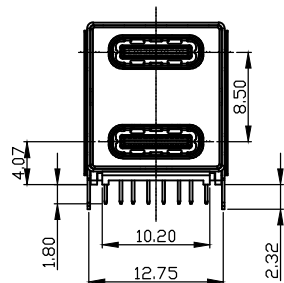


NOTES:

1. HOUSING: LCP, UL 94V-0, COLOR- BLACK
2. BOTTOM COVER: LCP, UL 94V-0,COLOR- BLACK
3. CONTACT: USB3 C2680-H T=0.25mm ; USB2 C5191-H T=0.25mm
GOLD-FLASH PLATED ON CONTACT AREA, 120μ" MIN. MATTE TIN
PLATED ON SOLDERING TAIL,80μ" MIN. NICKEL UNDER-PLATED OVERALL
4. FRONT SHELL: SUS304-1/2H, T=0.25mm, 30μ" MIN. NICKEL PLATED OVER ALL,
100μ" MIN. MATTE TIN PLATED ON SOLDERING TAIL,
5. MIDDLE SHELL: SUS304-1/2H, T=0.25mm,
6. REAR SHELL: SUS304-1/2H, T=0.20mm,
7. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS
PER DIRECTIVE 2011/65/EU FOR RoHS COMPLIANT. OR PER IEC
61249-2-21 FOR HALOGEN-FREE COMPLIANT.
8. PACKAGE: TRAY
9. CURRENT: 5A

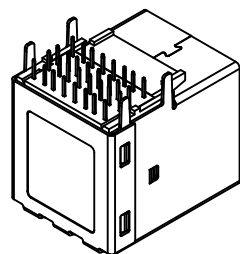
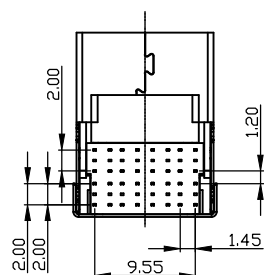
B

C



D

E



F

G

RoHS compliant
Unit: mm

Scale Free

TOLERANCE

X.X ±0.35

X.XX ±0.25

X.XXX ±0.15

DIM TOL

X° ±5°

①

Drawn

11.05.2022

Luca

Id.

Modification

Date

Name

Date

Name

Description: USB Connector

TYPE C / USB2.0 / FEMALE / Daul port 16pin+16pin

ASSMANN WSW-No.

A-USBC-20F0-DA-GTP01

Drawing-No.

ASS 9377 CO

rev00

Customer-No.

Sheet
1/2

ASSMANN
WSW components

1

2

3

4

5

6

7

SV5151

1

2

3

4

5

6

7

A

B

C

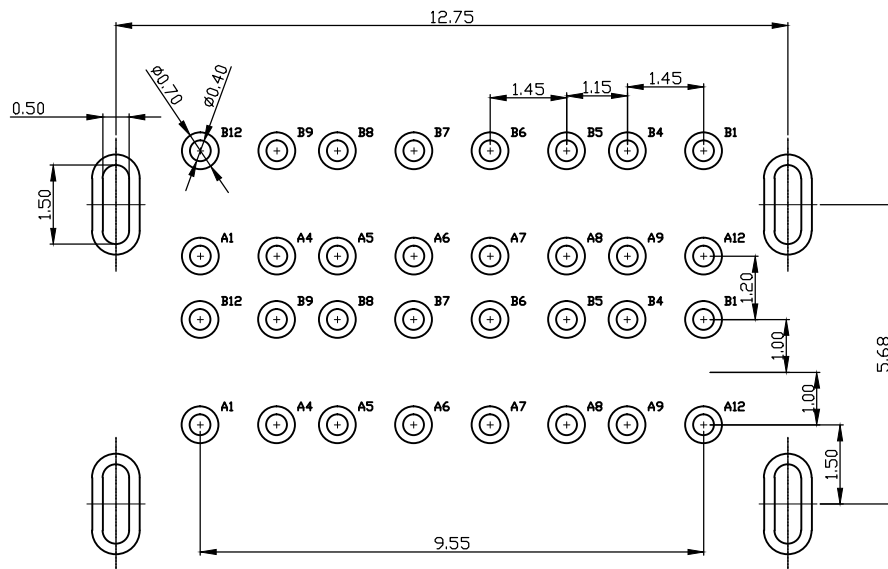
D

E

F

G

H



RECOMMENDED PCB LAYOUT(TOP VIEW)
(DEFAULT TOLERANCE:±0.05)

USB TYPE-C RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use (SBU)	B5	CC2	Configuration Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A12	GND	Ground return	B1	GND	Ground return

RoHS compliant
Unit: mm

Scale	Free
-------	------

TOLERANCE	
-----------	--

X.X	±0.35
-----	-------

X.XX	±0.25
------	-------

X.XXX	±0.15
-------	-------

DIM	TOL
-----	-----

X°	±5°
----	-----

①	Drawn	11.05.2022	Luca
Id.	Modification	Date	Name



Description: USB Connector
TYPE C / USB2.0 / FEMALE / Daul port 16pin+16pin

ASSMANN WSW-No.
A-USBC-20F0-DA-GTP01

Drawing-No.
ASS 9377 CO rev00

Customer-No. Sheet 2/2

1

2

3

4

5

6

7