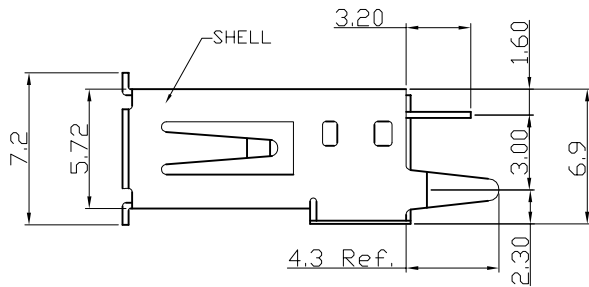
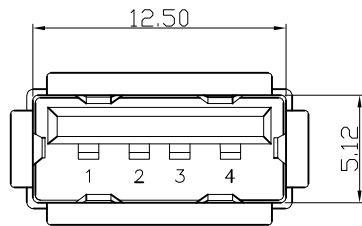
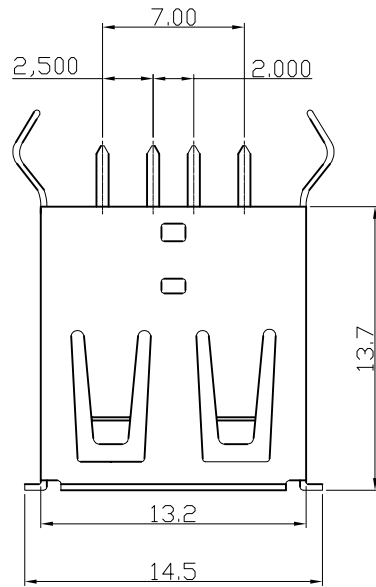
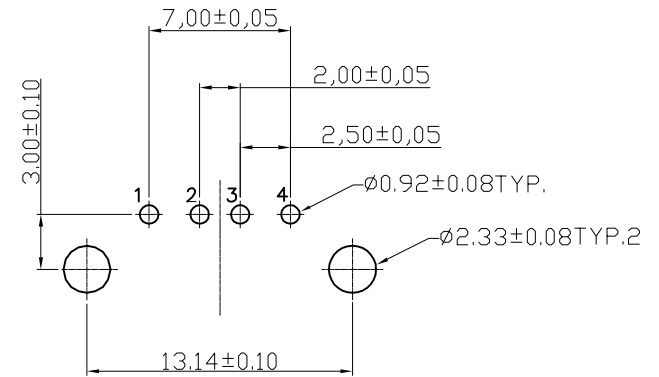


③ USB 2.0 COMPLIANT



NOTES:

1. Insulation: Glass Filled polyester UL94V-0, Color Black
2. Contact : Phosphor Bronze
3. Plating : Selective Gold Flash over 50µ" Nickel
4. Shell Plating: 80µ" Nickel over 50µ" Cu



Recommended PCB Layout

RoHS compliant
Unit: mm

Scale	Free						Date	Name	Customer-No.	
TOLERANCE						Drawn	26.04.2007	Hellwig		
.X	±0.30	④	Update IR reflow graph on page 2	12.10.2016	Amy	Approved	12.10.2016	Amy	ASSMANN WSW-No.	
.XX	±0.20	③	Add "USB 2.0 COMPLIANT"	19.08.2013	Amy				A-USB A-TOP-C	
.XXX	±0.10	②	Update	07.07.2009	Dean				Drawing-No.	
DIM	TOL	①	Drawn	26.04.2007	Hellwig				ASS 1370B CO	rev04
X.°	±1°								Replace	SHEET
Angle	TOL									
UNIT	mm	Id.	Modification	Date	Name					

1

2

3

4

5

6

7

③ USB 2.0 COMPLIANT

Rated current and voltage

1A, 30V AC rms

Contact resistance

30mOhm max.

Dielectric strength

750V AC at sea level

Insulation resistance

1000Mohm min.

Capacitance

2pF max.

Mating force

3.57Kgf /35N) max.

Unmating force

1.02Kgf (19N) min.

Durability

1500 cycles

Vibration

EIA 364 - 28 Condition V test letter A

No discontinuities of 1µs or longer duration

Physical shock

EIA 364 - 27 Condition H

No discontinuities of 1µs or longer duration

Solderability

Tin-Lead process

Soldering time: 5 ±0.5 second

Soldering pot: 230 ±5°C

Lead-free Process

Soldering time: 3 ±0.5 second

Soldering pot: 245 ±5°C

Resistance to soldering heat

Tin-Lead Process

Soldering time: 5 ±0.5 second

Soldering pot: 260 +0 / -5°C

Lead-free Process

refer IR temperature profile

Thermal shock

EIA 364 - 32 Test condition I

No damage

Salt spray

Temperature: 35 ±3°C

Solution: 5 ±1%

Spray time: 48 ±4hours

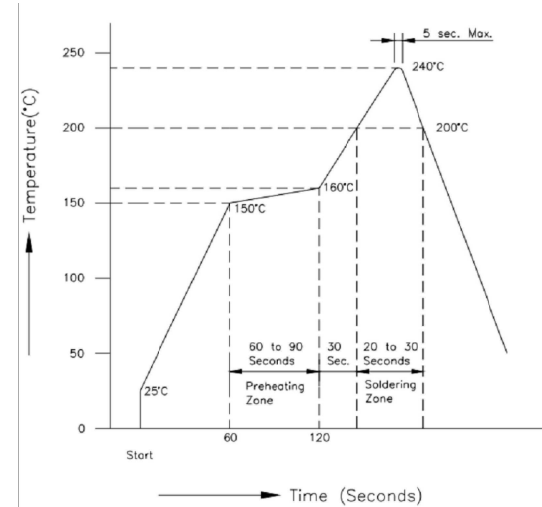
No damage; Contact resistance less than twice of initial

Temperature range

Storage temperature : -20°C to 60°C

Operating temperature : 0°C to 50°C

④ IR Reflow Temperature Profile (Using Typical Solder Paste)



RoHS compliant

Unit: mm

Scale	Free					Date	Name	Customer-No.
TOLERANCE						Drawn	26.04.2007	Hellwig
.X	±X							
.XX	±X	④	Update IR reflow graph on page 2	12.10.2016	Amy	Approved	12.10.2016	Amy
.XXX	±X	③	Add "USB 2.0 COMPLIANT"	19.08.2013	Amy			
DIM	TOL							Drawing-No.
X.°	±X°	②	Update	07.07.2009	Dean			ASSMANN WSW-No.
Angle	TOL	①	Drawn	26.04.2007	Hellwig			ASS 1370B CO
UNIT	mm	Id.	Modification	Date	Name	Replace		SHEET 2 / 2

A-USB A-TOP-C

