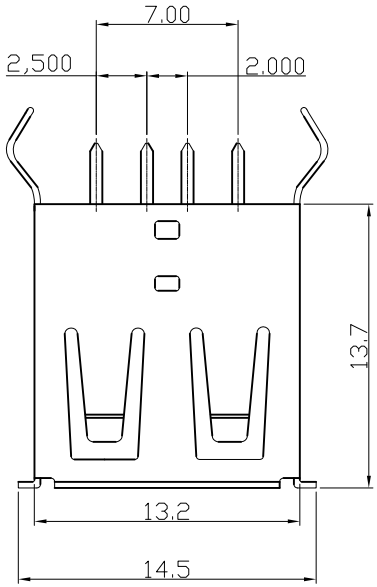
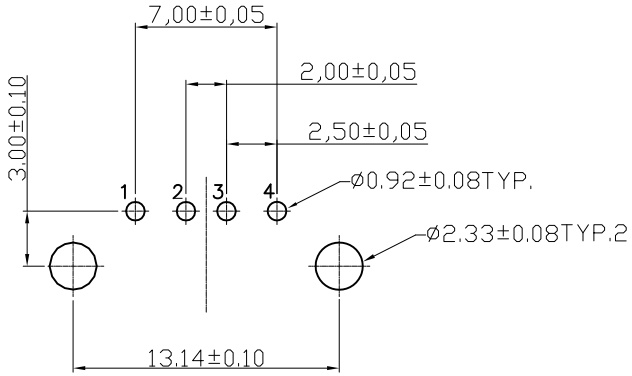
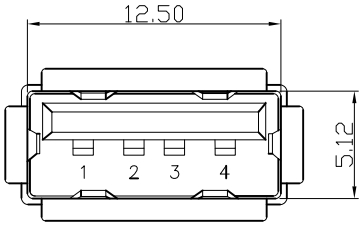


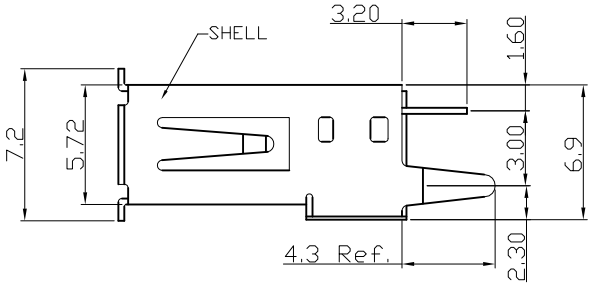
NOTES:

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

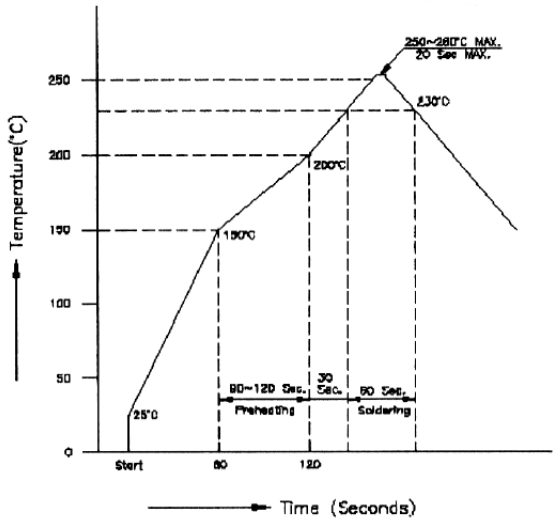
Scale	1:1						Date	Name	Customer-No.
TOLERANCE						Drawn	26.04.2007	Hellwig	
.X	±0.30					Approved	07.07.2009	Hellwig	ASSMANN WSW-No. A-USB A-TOP-C
.XX	±0.20								
.XXX	±0.10								
DIM	TOL	②	Update	07.07.2009	Dean				Drawing-No. ASS 1370B CO rev02
X.°	±1°	①	Drawn	26.04.2007	Hellwig				
Angle	TOL								Replace SHEET 1 / 2
UNIT	mm	Id.	Modification	Date	Name				

ASSMANN WSW components

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 discontinuties of 1µs or longer duration
Physical shock
EIA 364 - 27 Condition H
No discontinuties 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 resisnace less than twice of initial
Temperature range
Storage temperature : -20°C to 60°C
Operating temperature : 0°C to 50°C

IR Reflow Temperature Profile (Using Lead-Free Solder Paste)



RoHS compliant

Scale	1:1						Date	Name	Customer-No.
TOLERANCE						Drawn	26.04.2007	Hellwig	
.X	±X					Approved	07.07.2009	Hellwig	ASSMANN WSW-No. A-USB A-TOP-C
.XX	±X								
.XXX	±X								
DIM	TOL	②	Update	07.07.2009	Dean				Drawing-No. ASS 1370B CO rev02
X.°	±X°								
Angle	TOL	①	Drawn	26.04.2007	Hellwig				Replace SHEET 2 / 2
UNIT	mm	Id.	Modification	Date	Name				

ASSMANN WSW components