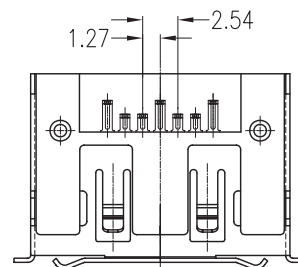
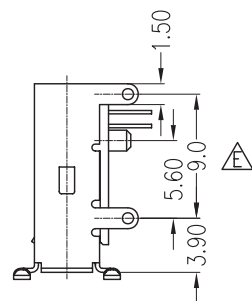
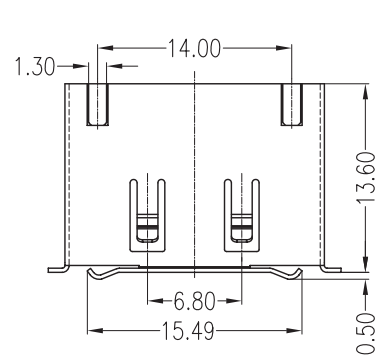
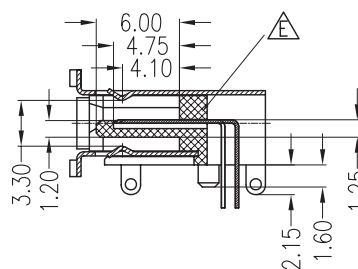
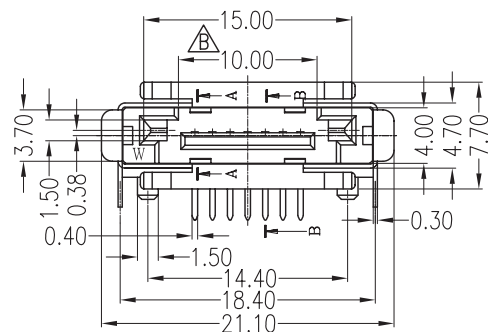


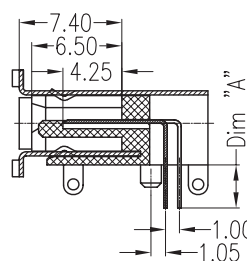
A



B

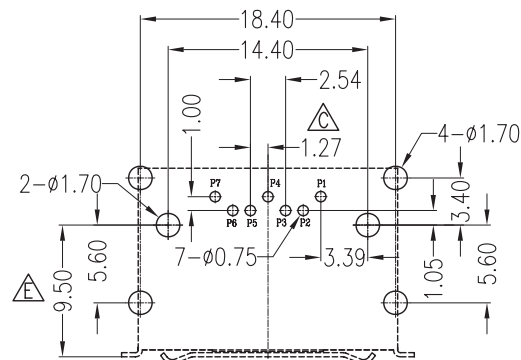


SECT A-A



SECT B-B

C



P.C.B Layout
t=1.60mm

Part NO.	Dim"A"
WAT2A-07D1L1BUW	3.10mm
WAT2A-07D4L1BUW	2.05mm

NOTES:

*Material

Housing: LCP(Black),UL 94-0 Rated;
Contact: Brass;
Plating: Gold plating over Nickel on contact area; Tin Plating on Solder Tail.

*Mechanical

Insertion Force: 2550g max;
Withdrawal Force: 710g min;
Durability: 2500 cycles.

*Electrical Specification

Operation Voltage:100 VAC max.
Current Rating: 1.5 Ampere per contact
Contact Resistance: 30m OHM MIN.
Insulation Resistance: 1000M OHM MIN
Dielectric Withstanding Voltage:500VAC.

*Environmental

Operating Temperature : -55°c to +125°c.

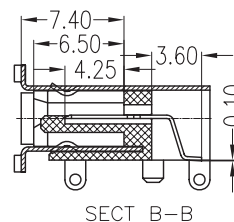
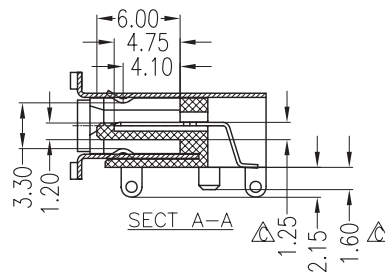
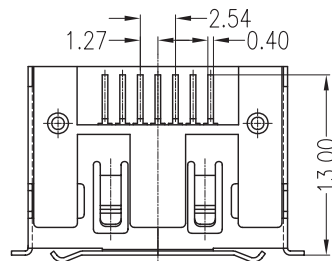
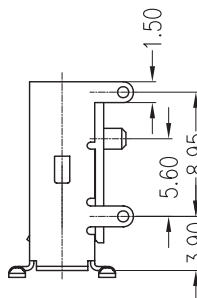
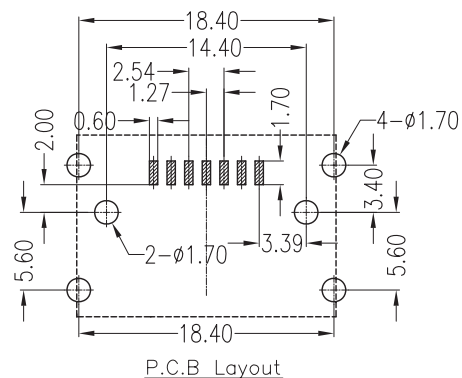
*How to order:

WAT2A - 07 D 4 L 1 B U

- Blank:No Mark
- U:Lead Free
- Blank:Sn Pb
- P:Phosphor Bronze B:Brass
- 1:Black
- L:LCP N:Nylon66
- 1:DIP(3.10mm) 4:DIP(2.05mm)
- Gold A:Flash B:5u" C:10u"
D:15u" E20u" F:30u"
- Number of contacts
- S ATA II RIGHT ANGLE MALE(SAS)

D

REV				Drawing By		Data		Wellco T&C Co., Ltd.		Serial ATA II 7 Pins 90° Standard DIP Type Male		Title		Drawing No.		REV	
Units	mm	Scale	1:1	Jerry		Reviewed By		Date		Date		Sheet		1 of 1		Third Angle Projection	
Tolerance Unless Otherwise Specified				Roger		Approval By		Data		Date		Date		1 of 1		Third Angle Projection	
.X ~ ±0.38				Richard													
.XX ~ ±0.25																	
.XXX ~ ±0.20																	
Angle ~ ± 3°																	



NOTES:

*Material

Housing: LCP(Black),UL 94-0 Rated;
Contact: Brass;
Plating: Gold plating over Nickel on contact
area; Tin plating on Solder Tail.

*Mechanical

Insertion Force: 2550g max;
Withdrawal Force: 710g min;
Durability: 2500 cycles.

*Electrical Specification

Operation Voltage:100 VAC max.
Current Rating: 1.5 Ampere per contact
Contact Resistance: 30m OHM MAX.
Insulation Resistance: 1000M OHM MIN
Dielectric Withstanding Voltage:500VAC.

*Environmental

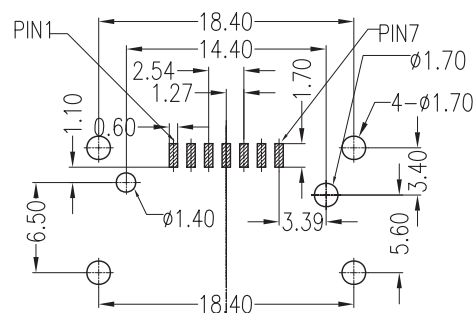
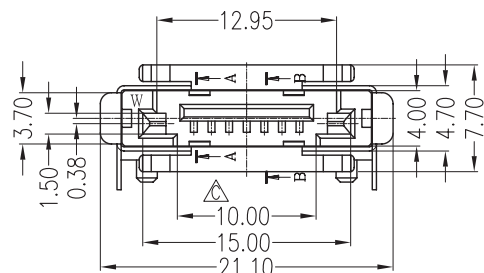
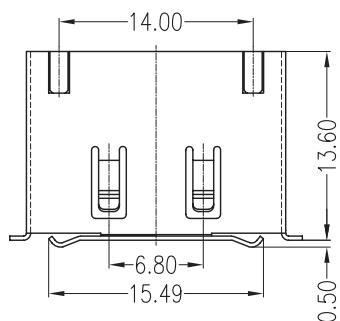
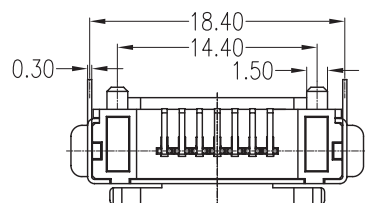
Operating Temperature: -55°C to +125°C.

*How to order:

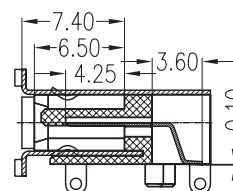
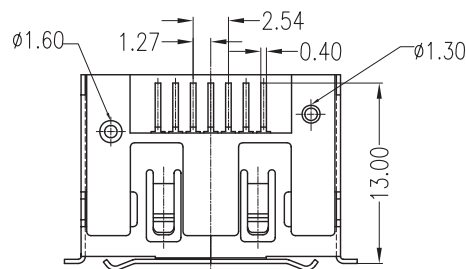
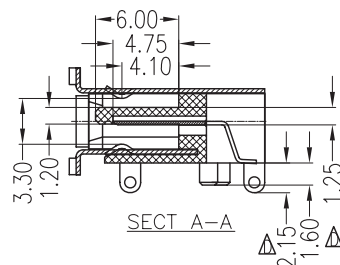
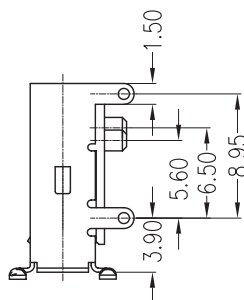
WAT2A - 07 D 2 L 1 B U W

Blank:No Mark
U:Lead Free
Blank:Sn Pb
P:Phosphor Bronze B:Brass
1:Black
L:LCP N:Nylon66
2:SMT(Standard)
Gold A:Flash B:5u" C:10u"
D:15u" E:20u" F:30u"
Number of contacts
Serial ATA II Right Angle Male(SAS)

REV													
Units	mm	Scale	1:1	Drawing By Stacy		Data		Wellco T&C Co., Ltd.					
Tolerance Unless Otherwise Specified				Reviewed By Roger		Data							
				Approval By Richard		Data		Sheet	1 of 1				
				Third Angle Projection									
.X ~ ±0.38													
.XX ~ ±0.25													
.XXX ~ ±0.20													
Angle ~ ± 3°													



P.C.B Layout



NOTES:

*Material

Housing: LCP(Black),UL 94-0 Rated;
Contact: Brass;
Plating: Gold plating over Nickel on contact
area; Tin Plating on Solder Tail.

*Mechanical

Insertion Force: 2550g max;
Withdrawal Force: 710g min;
Durability: 2500 cycles.

*Electrical Specification

Operation Voltage:100 VAC max.
Current Rating: 1.5 Ampere per contact
Contact Resistance: 30m OHM MAX
Insulation Resistance: 1000M OHM MIN
Dielectric Withstanding Voltage:500VAC.

*Environmental

Operating Temperature : -55°C to +125°C.

*How to order:

WAT2A - 07 D 3 L 1 B U W

- Blank:No Mark
- U:Lead Free
- Blank:Sn Pb
- P:Phosphor Bronze B:Brass
- 1:Black
- L:LCP N:Nylon66
- 3:SMT(Reverse)
- Gold A:Flash B:5u" C:10u" D:15u" E20u" F:30u"
- Number of contacts
- Serial ATA II Right Angle Male(SAS)

REV																		
Units	mm	Scale	1:1	Drawing By Stacy		Data		Wellco T&C Co., Ltd.										
Tolerance Unless Otherwise Specified				Reviewed By Roger		Data								Date		Title	Serial ATA II 7Pin Right Angle Reverse SMT Type	
.X ~ ±0.38				Approval By		Data								Sheet	1 of 1			
.XX ~ ±0.25				Richard		Third Angle Projection												
.XXX ~ ±0.20																		
Angle ~ ± 3°										Drawing No.		REV						