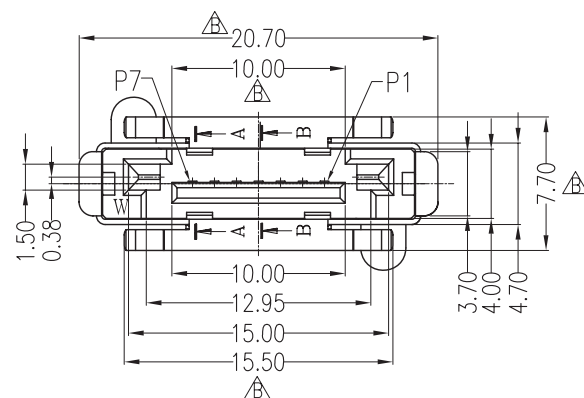
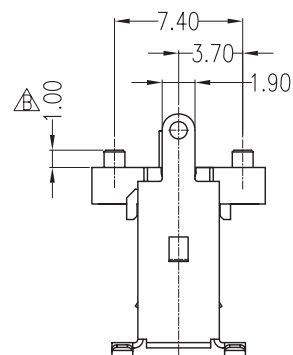
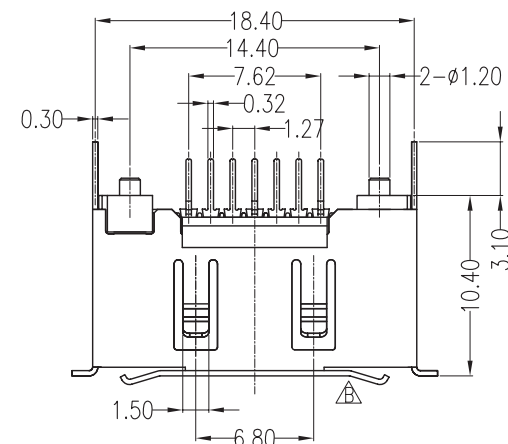


P.C.B Layout
t=1.60mm

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 $+125^{\circ}\text{C}$.

*How to order:

Diagram illustrating the pinout for a 28-pin connector. The pins are labeled as follows:

- WAT2M-07
- D
- 1
- L
- 1
- B
- U
- W

Descriptions for the pins:

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

REV							
Units	mm	Scale	1:1	Drawing By Andy		Data	
Tolerance Unless Otherwise Specified .X ~ ±0.38 .XX ~ ±0.25 .XXX ~ ±0.20 Angle ~ ± 3°				Reviewed By Roger		Data	
				Approval By Richard		Data	
				Date		Title	Serial ATA II 7Pin Straight DIP Type
				Sheet	1 of 1		
				Third Angle Projection			
						Drawing No.	REV