

REV.	ECN.NO.	DATE
A	RELEASED	09/20/07

NOTES:

*Material

Housing: LCP, UL 94V-0 rated, Color: Black;
Contact: Brass;
Plating: Gold plating over Nickel on contact area; Tin plating on solder tail.
Harpoon: Brass;
Plating: Tin plating over Nickel.

*Mechanical

Insertion Force: 45N max.
Withdrawal Force: 10N min.
Durability: 500 cycles

*Electrical Specification

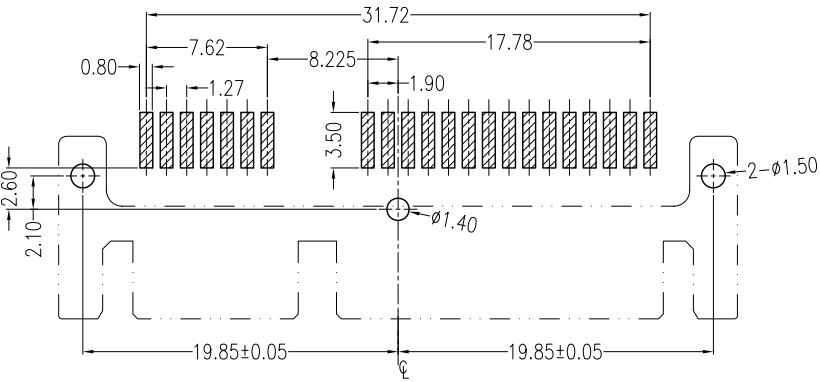
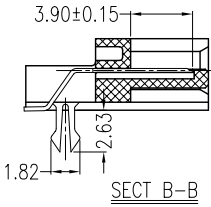
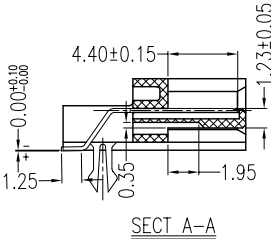
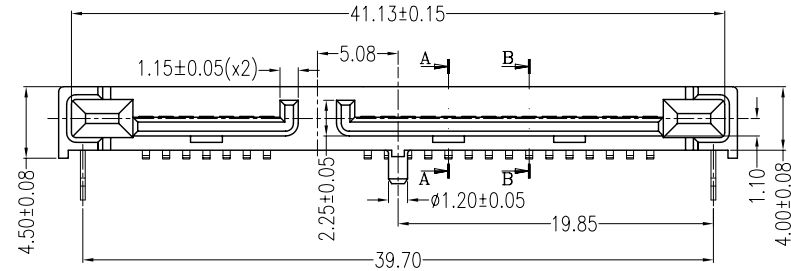
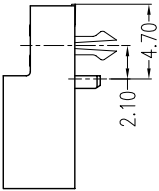
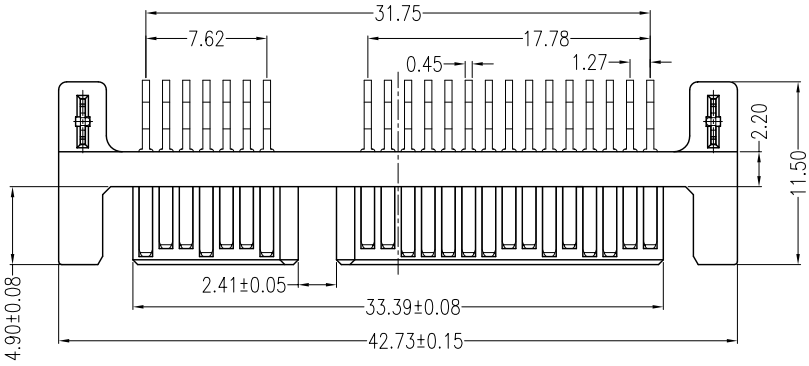
Current Rating: 1.5 Ampere per contact;
Contact Resistance: 30 Milliohms max.
Insulation Resistance: 1000 megohms min.
Dielectric Withstanding Voltage: 500 V AC.

*Environmental

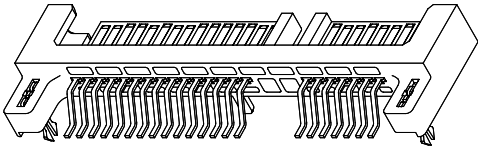
Operating Temperature: -55°C to +125°C

*How to order

WATHC-22 D 5 L 1 B U 3
3:Tray
Blank:No Mark
U:Lead Free
B:Brass
1:Black
L:LCP
5:SMT(90°)(Reverse)
Gold A:Flash D:15u
Number of Contacts
Series No.



PCB Layout (T=1.60±0.05mm)
Top View



Product 3D Dwg

REV												
Units	mm	Scale	2:1	Drawing By		Data		Wellco T&C Co., Ltd.				
Tolerance Unless Otherwise Specified				YZX		09/11-'07						
				Reviewed By		Data		Date	09/20/07	Title	Serial ATA 7+15P SMT(90°) (Reverse) Male	
.X ~ ±0.38				ZYZ		09/12-'07		Sheet	1 of 1			
.XX ~ ±0.25				Approval By		Data		Third Angle Projection		Drawing No.		
.XXX ~ ±0.20				Richard		09/20-'07						
Angle ~ ± 3°											REV	A