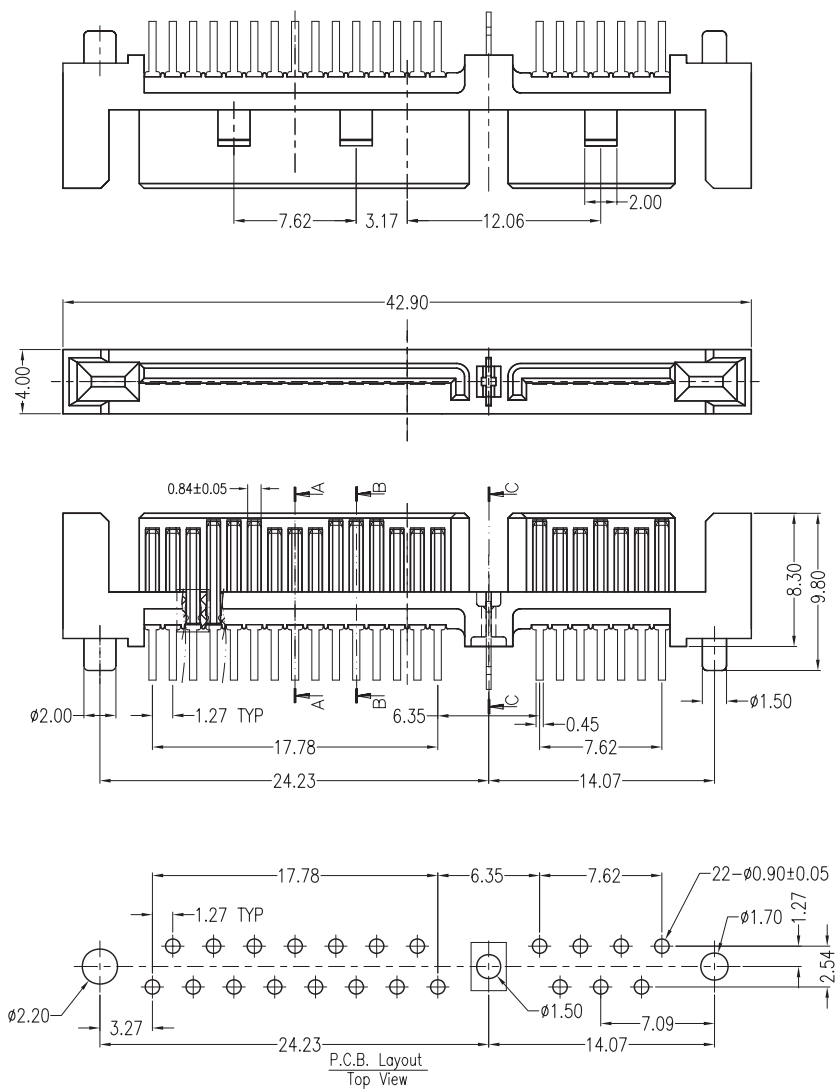


Unit: mm

Part Number	Dim 'A'
WATH-22DLBGU4	2.10
WATH-22DLBHU4	3.00

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.

*Electrical Specification

Current Rating: 1.5 Ampere Per Contact;
Contact Resistance: 30 Milliohms Max.
Insulation Resistance: 1000 Megohms Min.
Dielectric Withstanding Voltage: 500V AC.

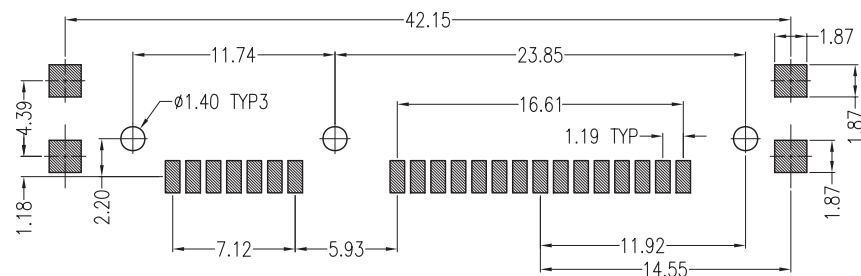
*Environmental

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

*How to Order:

WATH-22 D L B G U 4
 4: Tube
 Blank: NO Mark
 U: Lead Free Blank: Sn Pb
 G: Straight Double Row DIP Type (Pin Length 2.10mm)
 H: Straight Double Row DIP Type (Pin Length 3.00mm)
 B: Brass
 L: LCP
 Gold A: Flash B: 5u" C: 10u" D: 15u"
 NO. of Contacts (7+15)
 SATA for H.D.

REV															
Units	mm	Scale		Drawing By		Data		Wellco T&C Co., Ltd.							
Tolerance Unless Otherwise Specified				Lulu											
.X ~ ±0.38				Reviewed By		Data		Date			Title		SATA Straight Double Row DIP Type Pin Length 2.10mm Male		
.XX ~ ±0.25				Roger				Sheet	1 of 1						
.XXX ~ ±0.20				Approval By		Data		Third Angle Projection							
Angle ~ ± 3°				Richard						Drawing No.				REV	



REV				Add	Lead	Free													
Units	mm	Scale		Drawing By			Data			Wellco T&C Co., Ltd.									
Tolerance Unless Otherwise Specified				Andy															
.X ~ ±0.38				Reviewed By			Data			Date				Title			SATA 7+15P SMT Type(Male)		
.XX ~ ±0.25				Roger						Sheet	1 of 1								
.XXX ~ ±0.20				Approval By			Data			Third Angle Projection									
Angle ~ ± 3°				Richard									Drawing No.			REV			

REV.	ECN.NO.	DATE
A	RELEASED	11/13/02
B	Add Lead Free	05/04/05
C	Revise Title	08/22/05

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.

*Mechanical

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

*Electrical Specification

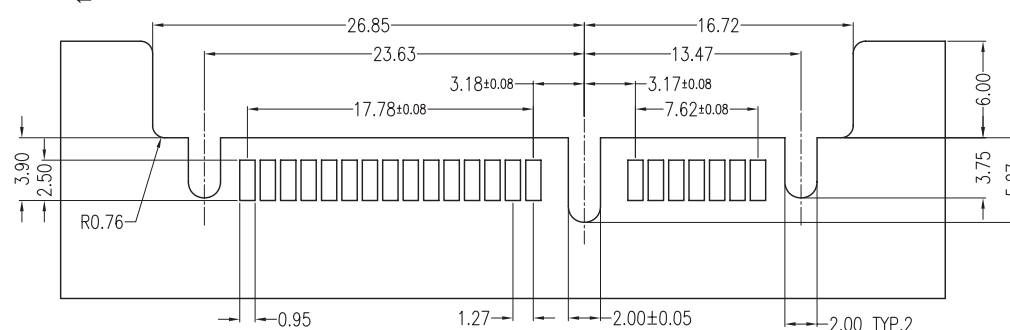
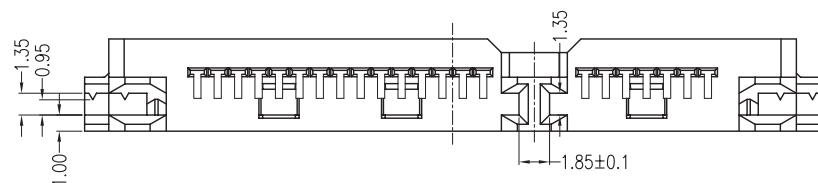
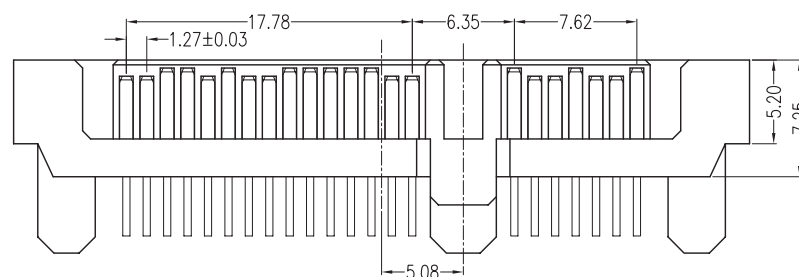
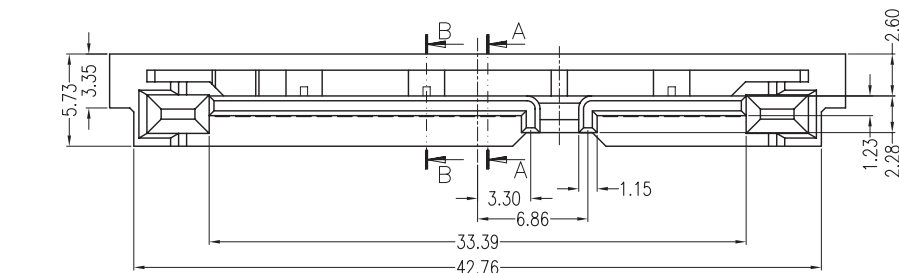
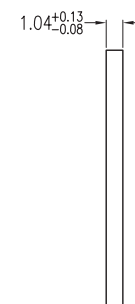
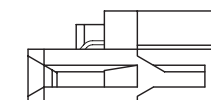
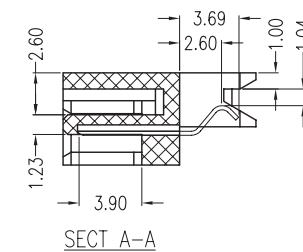
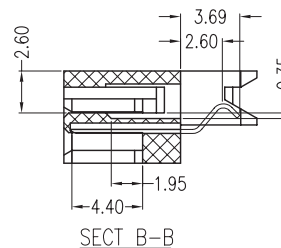
Current Rating: 1.5 Ampere per contact;
Contact Resistance: 30 Milliohms max.
Insulation Resistance: 1000 megohms min.
Dielectric Withstanding Voltage: 500 V AC.

*Environmental

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

*How to order:

WATH-22 A L B C U 4
 4:Tube
 U:Lead Free Blank:Sn Pb
 C:Straddle
 B:Brass
 L:LCP
 Gold A:Flash B:5u"
 C:10u" D:15u"
 Number of contacts
 Serial ATA for mother



PCB LAYOUT

REV	Revise	Title	Female → Male	Units	mm	Scale	Drawing By	Data	Wellco T&C Co., Ltd.			
							Jerry	08/22/05	Date	08/22/05	Sheet	1 of 1
							Roger	08/22/05	Reviewed By			
							Richard	08/22/05	Approval By			
									Third Angle Projection			
									Drawing No.	WATH-022MN-AN-N011	REV	C
									Title	Serial ATA 7P+15P Straddle Male		