

REV.	ECN.NO.	DATE
A	RELEASED	05/08-'03
D	Add Mechanical Modify Notes Modify Order	07/16-'19
E	Modify View	04/03-'20

**NOTES:**

**\*Material**

Housing: LCP, UL 94V-0 rated; Color: Black.  
 Contact: Phosphor Bronze  
 Plating: Au plating on contact area;  
 Sn(100u" Min) plating on solder tail;  
 Ni(50u" Min.) underplating overall.

**\*Mechanical**

Insertion Force: 45N Max.  
 Withdrawal Force: 4N Min.  
 Durability: 500 cycles

**\*Electrical Specification**

Operation Voltage: 100 VAC max.  
 Current Rating: 1.5 Ampere per contact  
 Contact Resistance: 30 Milliohms max.  
 Insulation Resistance: 1000 Megohms min.  
 Dielectric Withstanding Voltage: 500 VAC

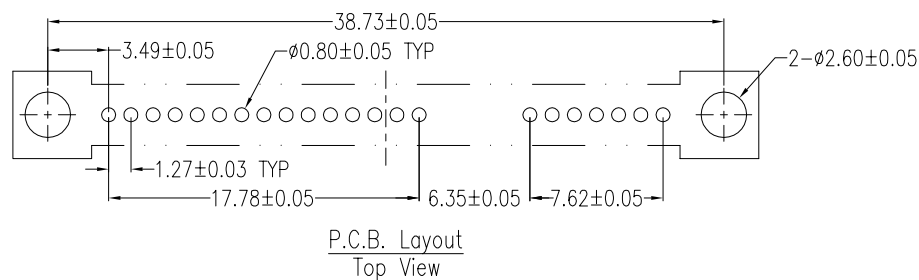
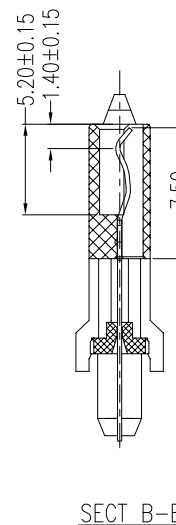
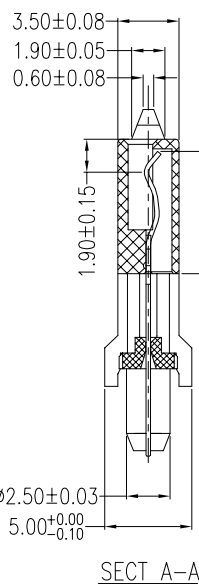
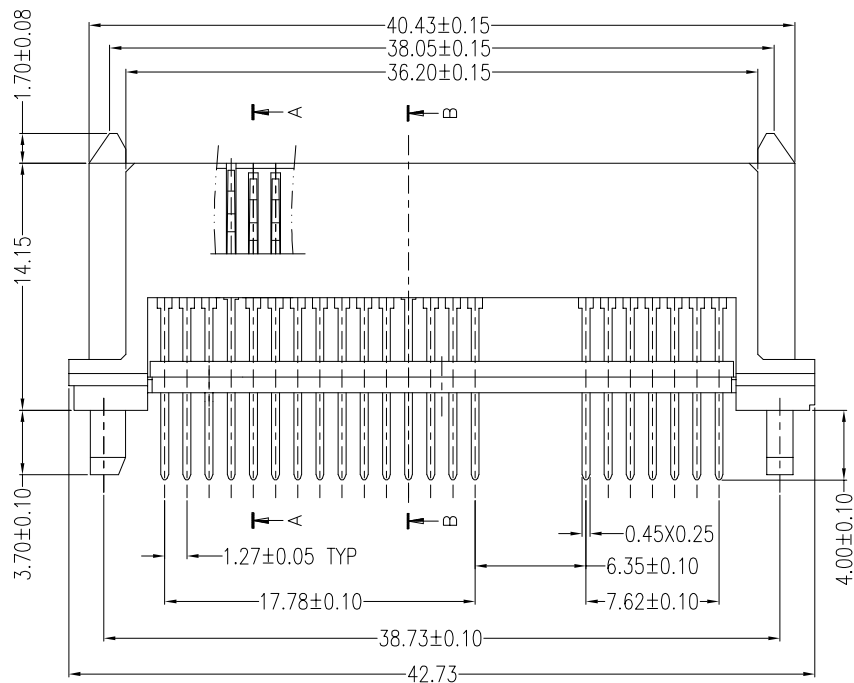
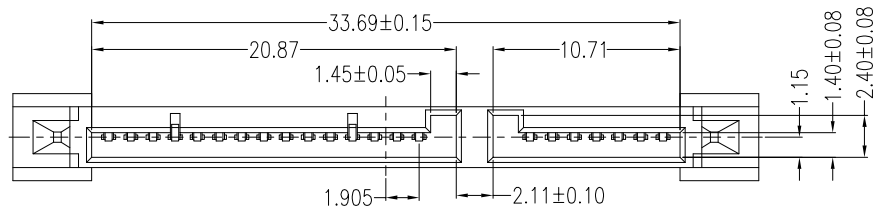
**\*Environmental**

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

**\*How to Order:**

WATR-22DL1P4U

- W: Winning Mark
- Blank: No Mark
- U: Free Lead
- Blank: Sn Pb
- 4: Straight DIP (High 15.85mm)
- P: Phosphor Bronze
- 1: Black
- L: LCP
- Gold: D:15u"
- NO. of Contacts
- Riser Card



REV Modify View

Units	mm	Scale	1:1
Tolerance Unless Otherwise Specified			
.X	~	±0.35	
.XX	~	±0.25	
.XXX	~	±0.15	
Angle	~	± 3°	

Drawing By	WY	Date	04/07-'20
Reviewed By	LDF	Date	04/07-'20
Approval By	Nancy	Date	04/13-'20

**WIN WIN PRECISION IND. CO., LTD.**  
 TEL: 886-2-22994155 FAX: 886-2-22994157

Date: 04/03-'20  
 Sheet: 1 of 1  
 Title: SATA 7+15P Higher DIP Type Female (High: 15.85mm)  
 Third Angle Projection

Drawing No. WATA-022PS-AN-N026 REV E