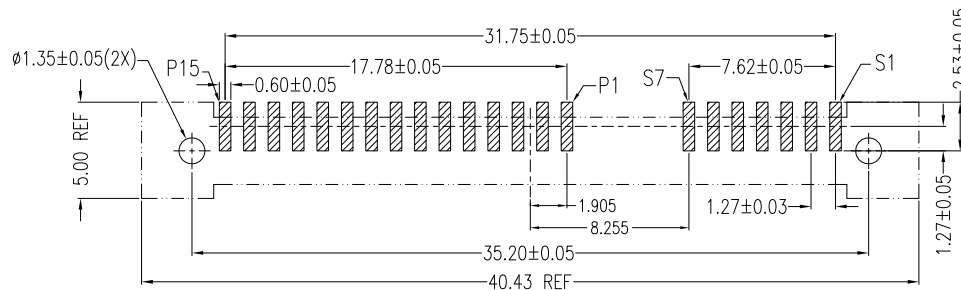
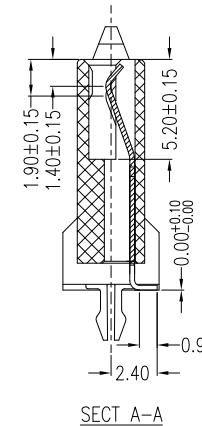
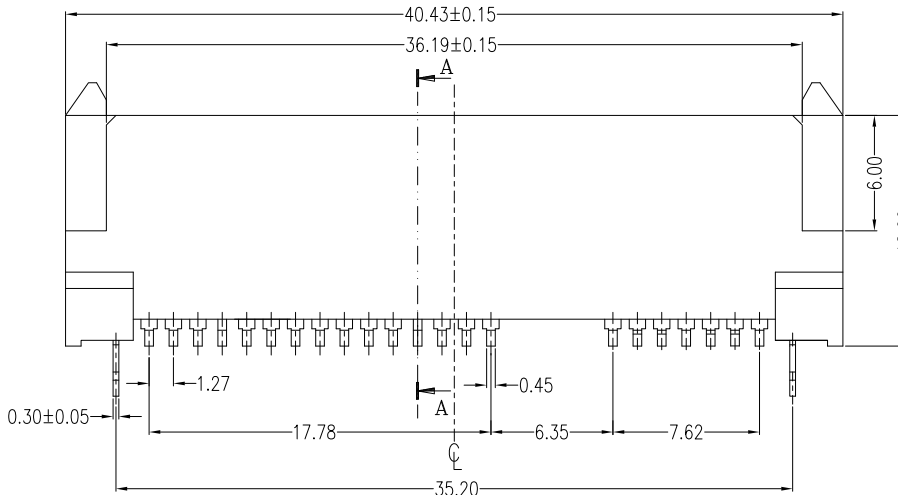
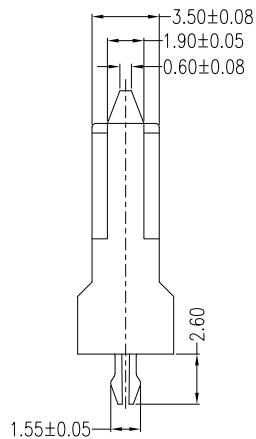
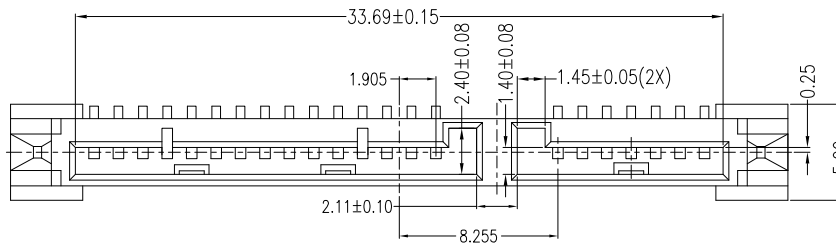
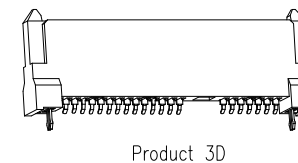


REV.	ECN.NO.	DATE
A	RELEASED	04/08-'08
B	Modify the width of the copper column harpoon	07/29-'22



P.C.B Layout(T=1.6±0.05mm)
TOP View



NOTES

***Material**

Housing: LCP, UL94V-0.
 Contact: Phosphor Bronze.
 Plating: Au Plating on Contact Area.
 Sn (100u" Min.) plating on solder tail.
 Ni (40u" Min.) underplating overall.
 Harpoon: Brass.
 Plating: Sn (100u" Min.) Plating Overall.
 Ni (50u" Min.) underplating overall.

***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 +85°C.

***How to order**

WATRS-22D3L1PU3
 3: Tray
 U: Lead Free
 P: Phosphor Bronze
 1: Black
 L: LCP
 1: SMT(12.0)
 Au A: >0.8u" D: 15u"
 F: 30u"
 Number of Contacts
 Series No.

REV	Modify harpoon width: 1.60±0.05 → 1.55±0.05		Drawing By		Date	WIN WIN PRECISION IND. CO., LTD.D	
Units	mm	Scale	5:2	Gz	08/02-'22	TEL: 886-2-22994155 FAX: 886-2-22994157	
Tolerance Unless Otherwise Specified				Reviewed By	Date	Date	Title
.X ~ ±0.35				Charles	08/02-'22	07/29-'22	
.XX ~ ±0.25				Approval By	Date	Sheet	
.XXX ~ ±0.15				Nancy	08/10-'22	1 of 1	SATA 7+15P SMT
Angle ~ ± 3°				Third Angle Projection		Type(12.0) Female	
Drawing No. WATRS-22PS-AN-W217						REV	B