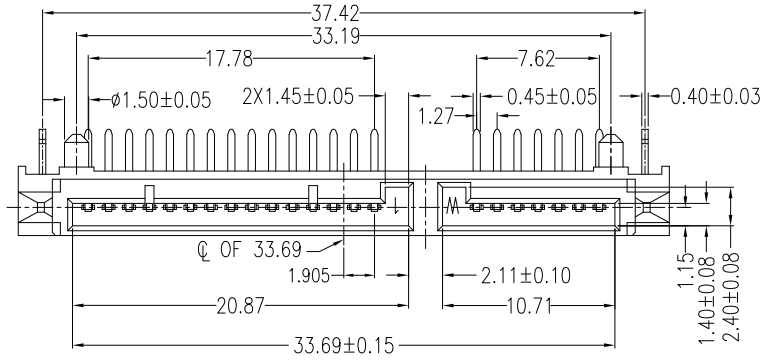
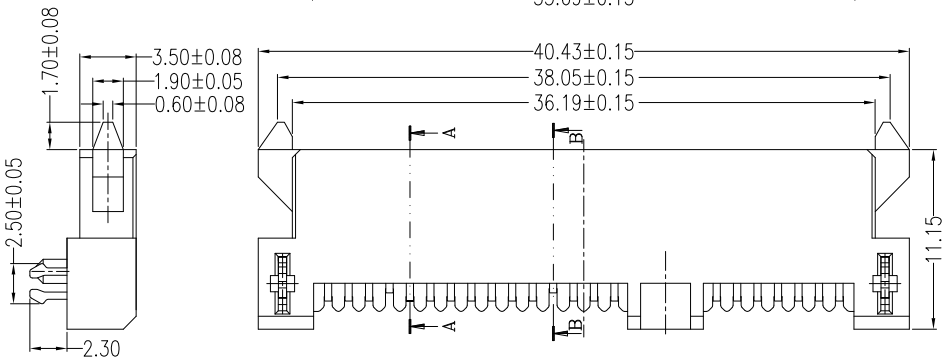
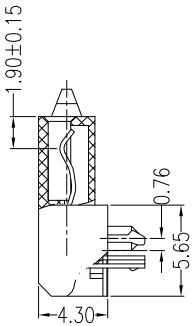
REV.	ECN.NO.	DATE
A	RELEASED	01/06-'07
F	Modify Title	10/05-'15
G	Modify plating specifications	09/04-'19



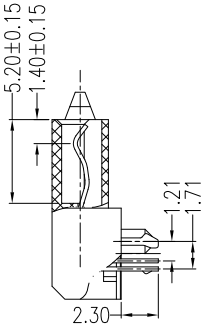
Signal Segment	
Name	Type
S1	GND
S2	A+
S3	A-
S4	GND
S5	B-
S6	B+
S7	GND

Power Segment			
Name	Type	Name	Type
P1	V3.3	P9	V5
P2	V3.3	P10	GND
P3	V3.3	P11	DAS/DSS
P4	GND	P12	GND
P5	GND	P13	V12
P6	GND	P14	V12
P7	V5	P15	V12
P8	V5		





SECTION A-A



SECTION B-B

Notes:

*Material

Housing: LCP, UL 94V-0 Rated, Color: Black
Contact: Phosphor Bronze
Plating: Au Plating on contact area
Sn100u"Min) plating on solder Tail.
Ni(50u"Min) contact underplating overall.
Harpoon: Brass
Sn(100u"Min)Plating Over Ni(50u"Min)

*Mechanical

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

*Electrical Specification

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

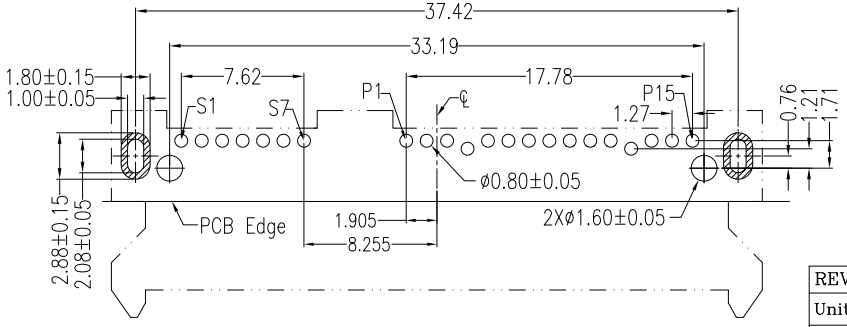
*Environmental

Operating Temperature: -55°C To +85°C

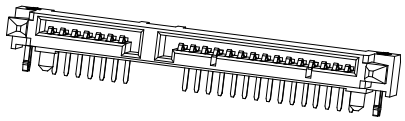
*How to Order:

WATB-22DL1PCU

- W: Winning Mark; Blank: No Mark
- U:Lead Free
- C: Reverse Dip Type(4.30mm)
- P: Phosphor Bronze
- 1: Black
- L: LCP
- Selective Au: A:>0.8u"; B:5u"; D:15u"
- NO. of Contacts
- Series No.



P.C.B LAYOUT (T=1.2mm)
Component Side



REV	Modify plating specifications:Ni (40u" min.) → Ni (50u" min.)				
Units	mm	Scale	1:1	Drawing By	Date
Tolerance Unless Otherwise Specified				UC	09/04-'19
.X ~ ±0.35				Reviewed By	Date
.XX ~ ±0.25				LDF	09/04-'19
.XXX ~ ±0.15				Approval By	Date
Angle ~ ± 3°				Nancy	09/11-'19

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

Date	09/04-'19	Title	Serial ATA 7+15P 90°Female Reverse Dip Type(4.30mm)	
Sheet	1 of 1			
Third Angle Projection		Drawing No.	WATB-22PS-AN-N184	REV G