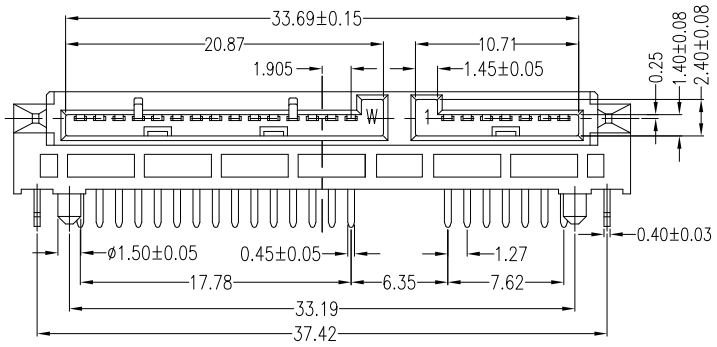
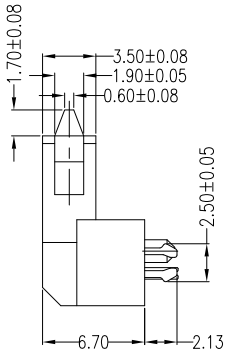
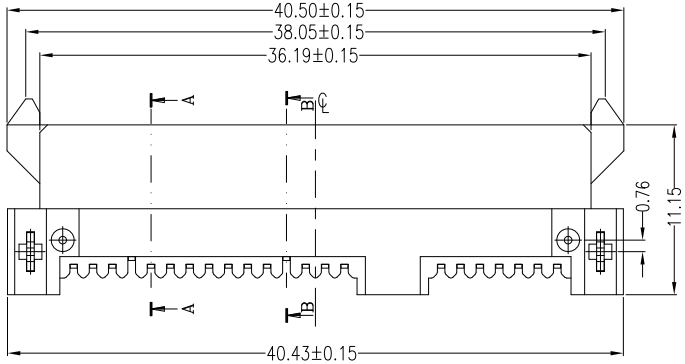
REV.	DESCRIPTION	DATE
A	RELEASED	05/15-'03
G	Modify 3D View	10/05-'15
H	Modify plating specifications	03/07-'17

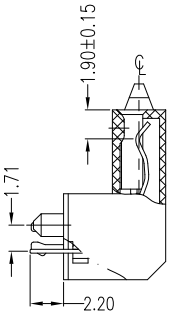


Pin NO.	Power Name	Pin NO.	Power Name
P1	V3.3	P9	V5
P2	V3.3	P10	GND
P3	V3.3	P11	DAS/DSS
P4	GND	P12	GND
P5	GND	P13	V12
P6	GND	P14	V12
P7	V5	P15	V12
P8	V5		

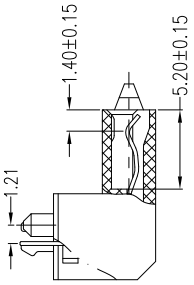
Pin NO.	Signal Name
S1	GND
S2	A+
S3	A-
S4	GND
S5	B-
S6	B+
S7	GND







SECT A-A



SECT B-B

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) contact underplating overall.
Harpoon: Brass
Plating: Sn(100u"Min)Plating Over Ni(50u"Min)

*Mechanical

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

*Electrical Specification

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

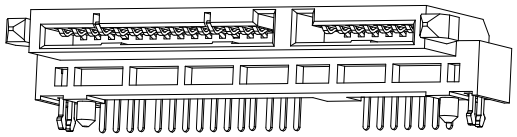
*Environmental

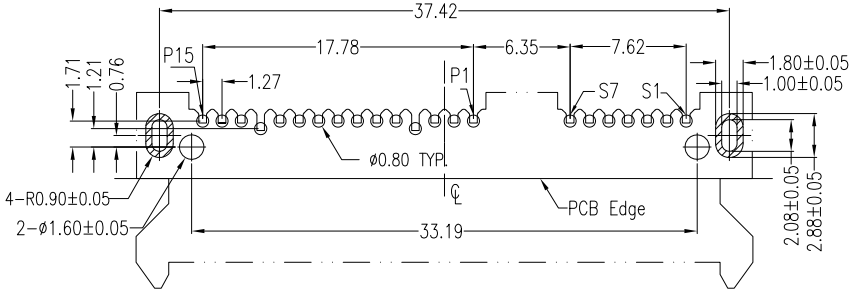
Operating Temperature: -55°C to +85°C

*How to order:

WATB-22DL1P2U

- Blank:Tube 3:Tray
- Blank:No Mark
- U:Lead Free
- 2.DIP(6.7mm)
- P:Phosphor Bronze
- 1:Black
- L:LCP
- Selective Au:A:>0.8u" D:15u"
- NO. of Contacts
- Series No.





PCB LAYOUT(T=1.60mm)
COMPONENT SIDE

REV	Modify plating specifications:Ni (40u" min.) —— Ni (50u" min.)				
Units	mm	Scale	1:1	Drawing By	Date
Tolerance Unless Otherwise Specified				ZOU	03/07-'17
.X ~ ±0.35				Reviewed By	Date
.XX ~ ±0.25				LDF	03/08-'17
.XXX ~ ±0.15				Approval By	Date
Angle ~ ± 3°				Roger	03/26-'17

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

Date	03/07-'17	Title	Serial ATA 7+15 90° DIP Type (Female)	
Sheet	1 of 1			
Third Angle Projection		Drawing No.	WATB-022MN-AN-N030	REV H