

REV.	ECN.NO.	DATE
A	RELEASED	06/08-'03
H	Modify Notes	11/13-'19
I	1.Delete Stop Production Spec 2.Modify plating specifications	06/15-'20

NOTES:

\*Material:

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

Harpoon: Brass  
 Plating: Sn(100u" Min.) Plating On Solder Tail;  
 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: 30mΩ Max.  
 Insulation Resistance: 1000MΩ Min.  
 Dielectric Withstanding Voltage: 500V AC.

\*Environmental:

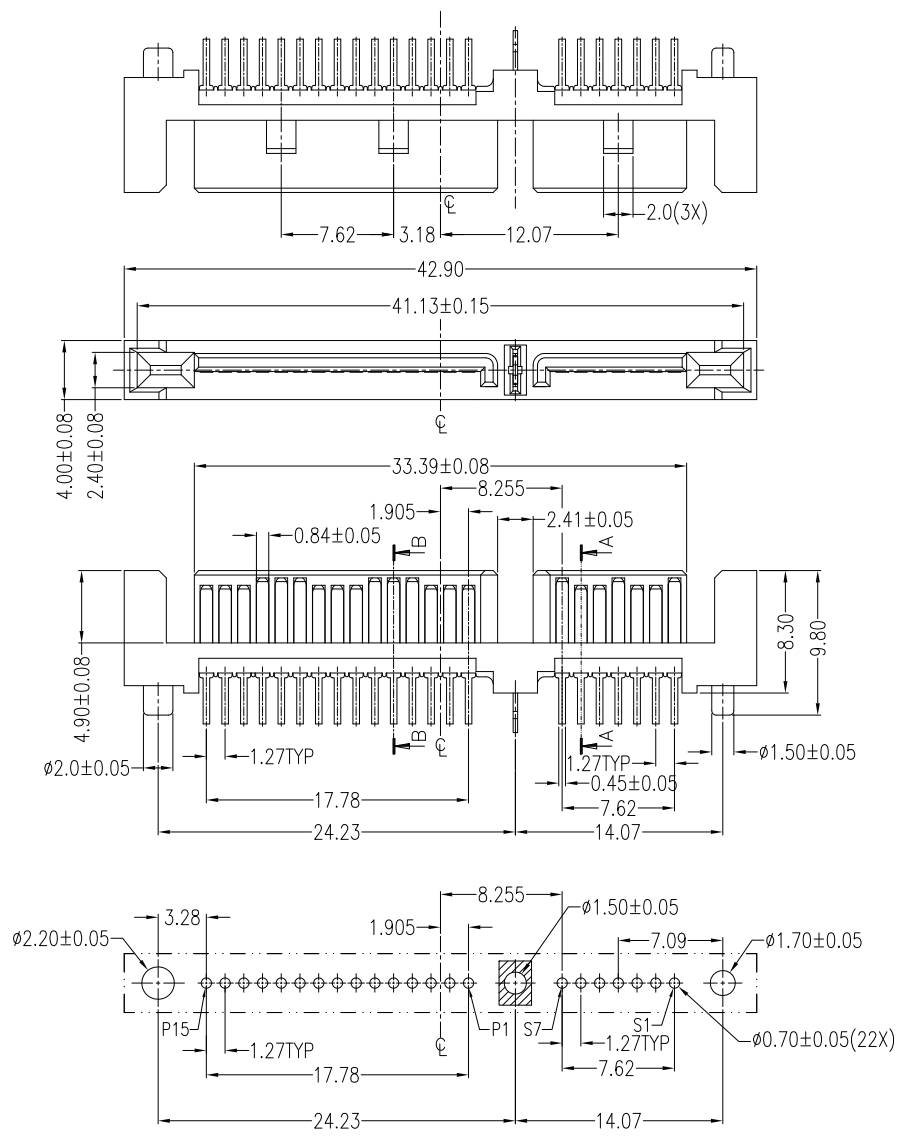
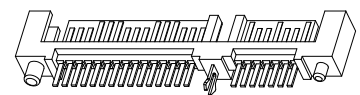
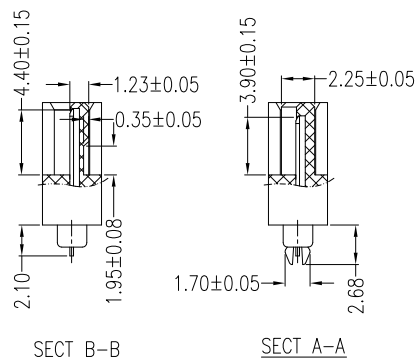
Operating Temperature: -55°C to + 85°C

\*How to Order:

WATH-22DLBEU 4

- Blank:With-Post
- 4:Tube
- Blank:No Mark
- U:Lead Free
- E:DIP Type(2.10mm)
- B:Brass
- L:LCP
- Au A:>0.8u"; D:15u"
- NO. of Contacts(7+15)
- Serial ATA for H.D

Signal Segment		Power Segment			
Name	Type	Name	Type	Name	Type
S1	GND	P1	V3.3	P9	V5
S2	A+	P2	V3.3	P10	GND
S3	A-	P3	V3.3	P11	DAS/DSS
S4	GND	P4	GND	P12	GND
S5	B-	P5	GND	P13	V12
S6	B+	P6	GND	P14	V12
S7	GND	P7	V5	P15	V12
		P8	V5		



P.C.B LAYOUT(T=1.60mm)  
COMPONENT SIDE

REV	1.Remove the spec of W:Winning Mark & N:Non-Post		2. Modify plating specifications: Ni (40u" min.) → Ni (50u" min.)	
Units	mm	Scale	Drawing By	Date
			ZK	06/15-'20
Tolerance Unless Otherwise Specified			Reviewed By	Date
.X	~	±0.35	LDL	06/17-'20
.XX	~	±0.25	Approval By	Date
.XXX	~	±0.15	Nancy	06/22-'20
Angle	~	± 3°		

WIN WIN PRECISION IND. CO., LTD. TEL: 886-2-22994155 FAX: 886-2-22994157		Date	06/15-'20	Title	SATA 7+15P DIP Type
		Sheet	1 of 1		
Third Angle Projection		F/Name	WATA-022MN-AN-N040	REV	I