

1 2 3 4 5 6 7 8

REV.	ECN.NO.	DATE
A	RELEASED	12/24/08
C	Delete discontinued item No	03/19-'22
D	Modify nut material	05/24-'23

Notes:

***Material**
 Housing: LCP, UL 94V-0.
 Contact: Phosphor Bronze.
 Plating: Au plating on contact Area.
 Sn(100u" Min.) Plating On Solder Tail.
 Ni(30" Min) Underplating Overall.
 Screw: Zn Plating over Fe.
 Nut: Zn Plating over Cu.

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

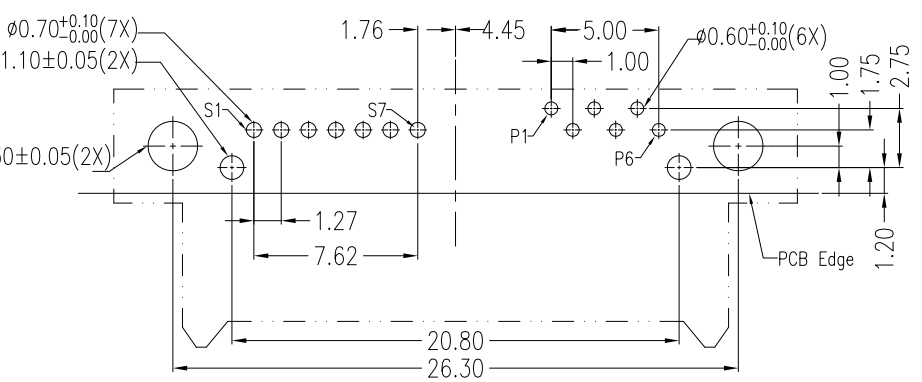
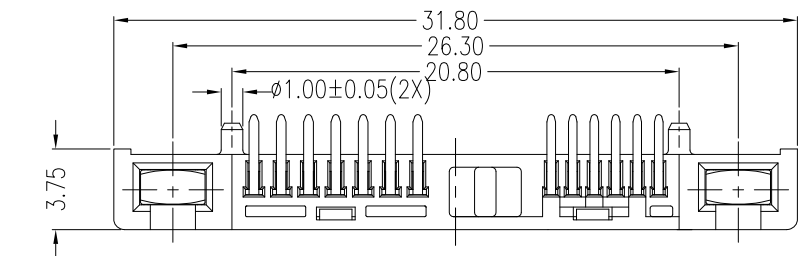
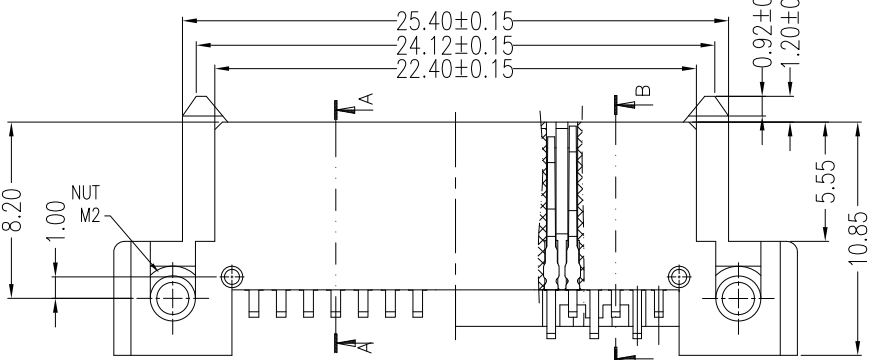
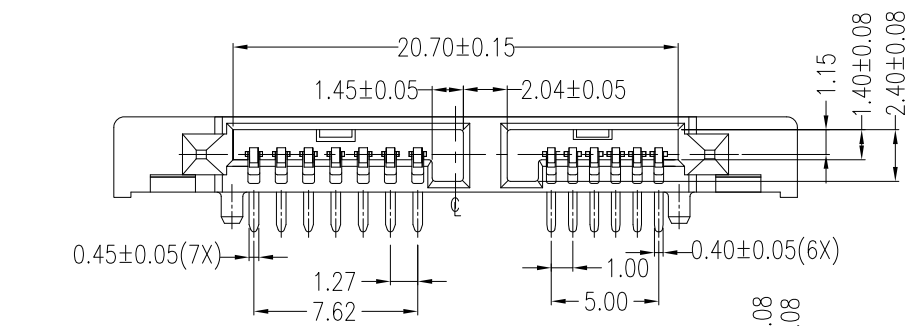
***Electrical Specification**
 Current Rating: 1.5 Ampere per contact.
 Contact Resistance: 30 Milliohms max.
 Insulation Resistance: 1000 Megohms min.
 Dielectric Withstanding Voltage: 500 VAC.

***Environmental**
 Operating Temperature: -55°C to +85°C.

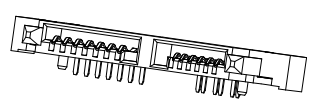
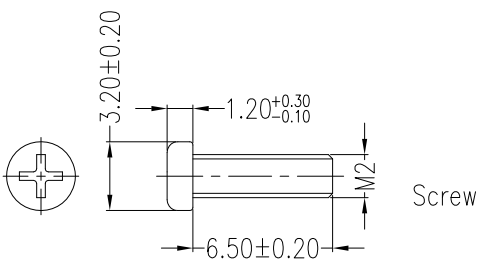
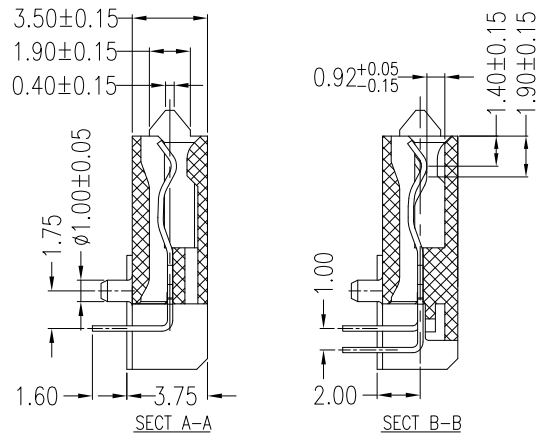
***How to Order:**

- WATG-13D2L1PU5
- Blank: No Screw
 - 5: Reel
 - U: Lead Free
 - P: Phosphor Bronze
 - 1: Black
 - L: LCP
 - 2: Reverse DIP(2Rows)
 - Gold D: 15u"
 - Number of Contacts
 - Series No.

Pin NO.	Signal Name	Pin NO.	Power Line Designation
S1	GND	P1	DP
S2	A+	P2	+5V
S3	A-	P3	+5V
S4	GND	P4	MD
S5	B-	P5	GND
S6	B+	P6	GND
S7	GND		



P.C.B Layout
Top View (T=1.20)



3D View

REV	Modify nut material			Drawing By	Date
Units	mm	Scale	3:1	YDD	05/24-'23
Tolerance Unless Otherwise Specified				Reviewed By	Date
.X	~ ±0.35		Charles	05/24-'23	
.XX	~ ±0.25		Approval By	Date	
.XXX	~ ±0.15		Nancy	05/30-'23	
Angle	~ ± 3°				

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

Date: 05/22-'23
 Sheet: 1 of 1
 Title: S ATA 7+6P 90° Reverse DIP(2Rows) Screw Type Female
 Third Angle Projection

Drawing No. WATG-13PS-AN-N276 REV D

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