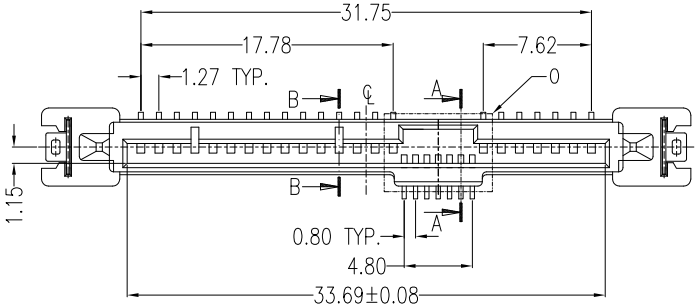
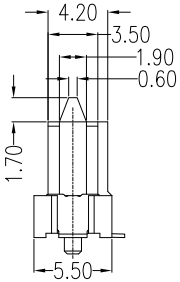
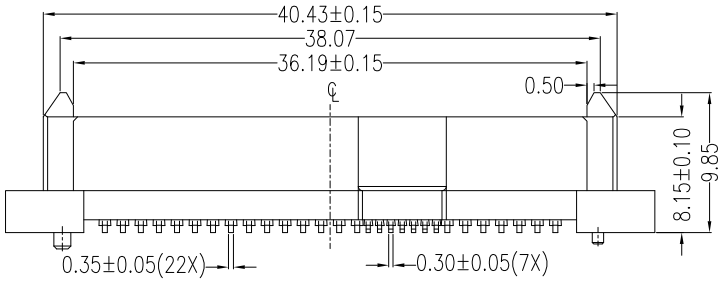
REV.	ECN.NO.	DATE
A	RELEASED	02/18–'16
C	Modify plating specifications	03/07–'17
D	Modify tolerance	11/19–'18

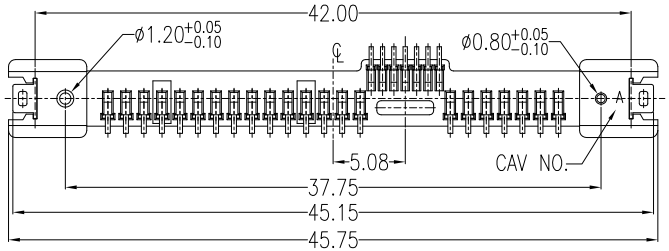
Power Segment			
Pin NO.	Type	Name	Type
P1	V3.3	P9	V5
P2	V3.3	P10	Ground
P3	V3.3	P11	Ready Led
P4	Ground	P12	Ground
P5	Ground	P13	V12
P6	Ground	P14	V12
P7	V5	P15	V12
P8	V5		

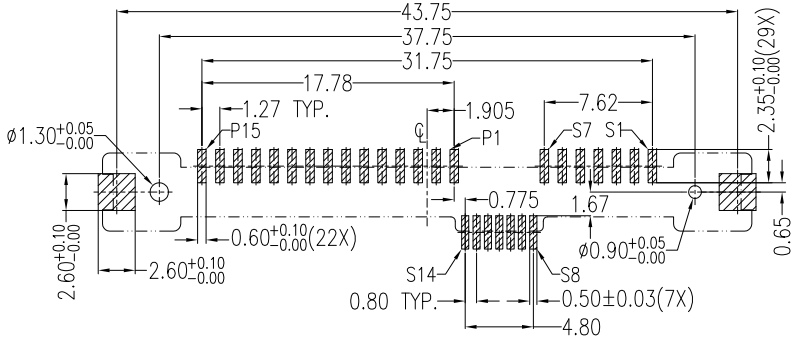
Signal Segment			
Pin NO.	Type	Name	Type
S1	Signal Ground	S8	Signal Ground
S2	TP+	S9	TS+
S3	TP−	S10	TS−
S4	Signal Ground	S11	Signal Ground
S5	RP−	S12	RS−
S6	RP+	S13	RS+
S7	Signal Ground	S14	Signal Ground



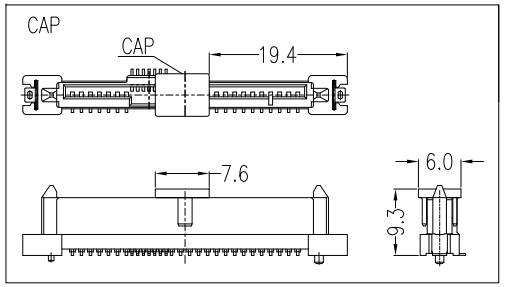


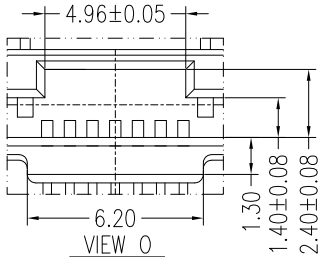




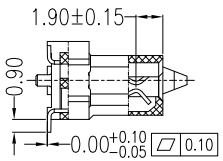


PCB LAYOUT(T=1.60mm)
COMPONENT SIDE

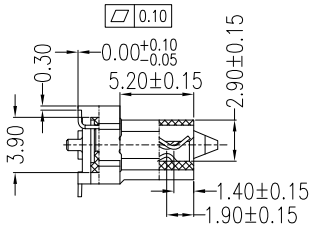




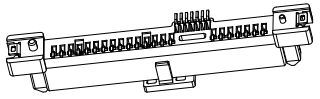
VIEW O
SCALE 2:1



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.) underplating overall.
Harpoon: Phosphor Bronze;
Plating: Sn (100u" Min.) plating over.
Ni (50u" Min.) underplating overall.

*Mechanical

Insertion Force: 25N max.
Withdrawal Force: 5N min.
Durability: 500 cycles

*Electrical Specification

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

*Environmental

Operating Temperature: 0°C to +55°C

*How to order

WATD-29F3L1PU 5

- 5:Reel(With Cap)
- W:Winning Mark Blank:No Mark
- U:Lead Free
- P:Phosphor Bronze
- 1:Black
- L:LCP
- 3:SMT
- Au A:>1u" D:15u" F:30u"
- Number of Contacts
- Series No.

REV	Modify tolerance

Units	mm	Scale	5:3
Tolerance Unless Otherwise Specified			
.X	~	±0.35	
.XX	~	±0.25	
.XXX	~	±0.15	
Angle	~	± 3°	

Drawing By	LZX
Date	11/19–'18
Reviewed By	LDF
Date	11/22–'18
Approval By	Nancy
Date	11/23–'18

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

Date	11/19–'18
Sheet	1 of 1
Third Angle Projection	
Title	SAS 7+15+7P Straight SMT Female
Drawing No.	WATD-29PS-AN-N112 REV D