

REV.	ECN.NO.	DATE
A	RELEASED	03/18/05
G	Change Notes	08/23/12
H	Modify the product structure	07/17/13

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	

NOTES:

***Material**

Housing: LCP+50%G.F, UL 94V-0 rated, Color: Black;
 Contact: Phosphor Bronze;
 Plating: Au plating on contact area, Sn(100u" Min.) plating on solder tail, Ni (40u" Min.) underplating overall
 Harpoon: Phosphor Bronze;
 Plating: Sn plating(100u" Min.) over Ni(50u" Min.).

***Mechanical**

Insertion Force: 50N Max.
 Withdrawal Force: 20N Min.
 Durability: 500 cycles

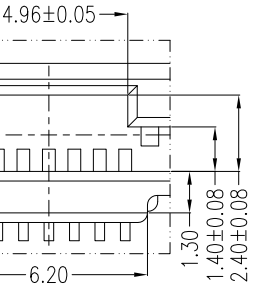
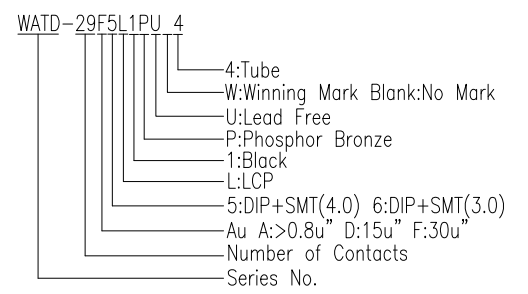
***Electrical Specification**

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

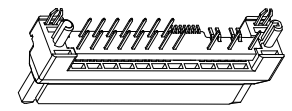
***Environmental**

Operating Temperature: 0°C to +55°C

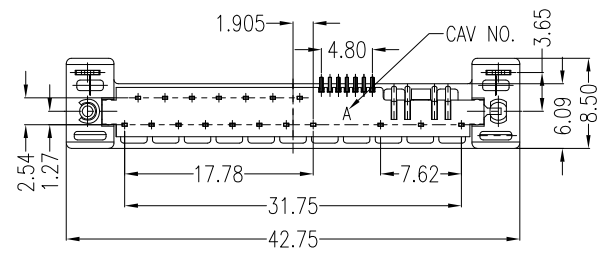
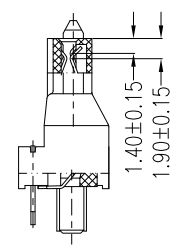
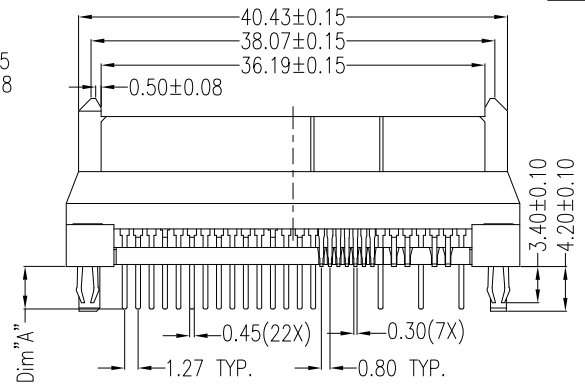
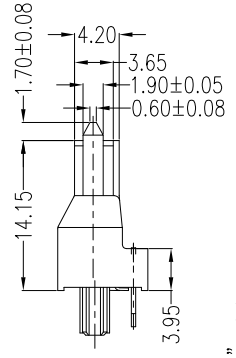
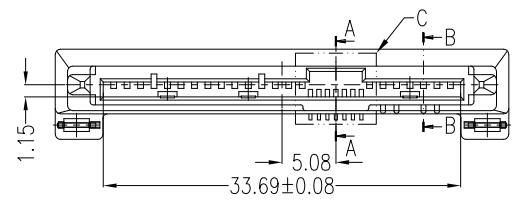
***How to order**



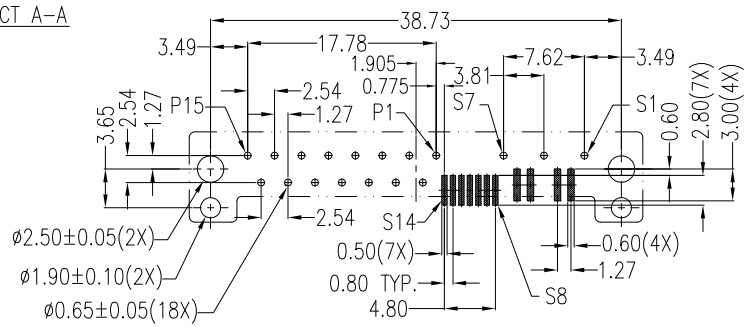
Part NO.	Unit:mm	
	Dim"A"	Dim"B"
WATD-29F5L1PU4	4.00	3.00
WATD-29F6L1PU4	3.00	2.00



5(6):DIP+SMT(14.15)
(其中5為4.0腳, 6為3.0腳)



SECT A-A



PCB LAYOUT(PCB THICKNESS= Dim"B")
COMPONENT SIDE

REV	Modify the product structure		Date		WIN WIN PRECISION IND. CO., LTD	
Units	mm	Scale	5:4	Date		10/17-'13
Tolerance Unless Otherwise Specified			Drawing By		Ares	
.X	~ ±0.38		Reviewed By		Date	
.XX	~ ±0.25		Rosh		10/17/'-13	
.XXX	~ ±0.20		Approval By		Date	
Angle	~ ± 3°		Richard		10/21/'-13	
Date			Date		Title	
07/17/13			07/17/13		SAS 7+15+7P Straight	
Sheet 1 of 1			Third Angle Projection		DIP+SMT Female	
Drawing No.			WATD-29PS-N113		REV H	