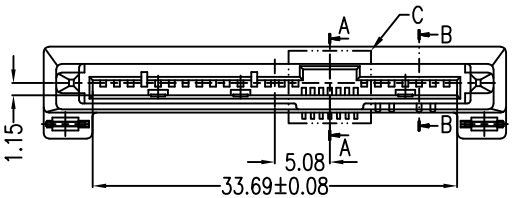
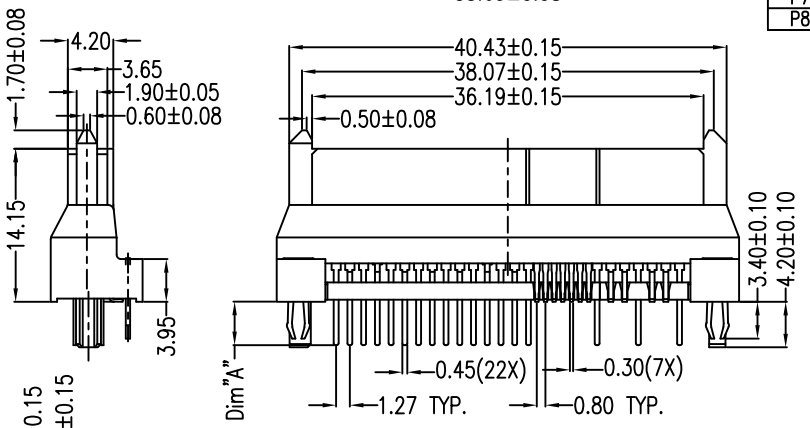
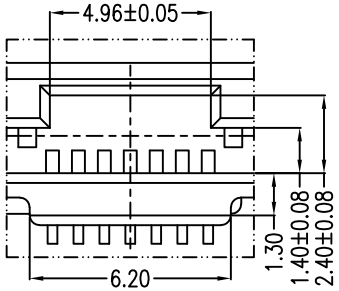
REV.	ECN.NO.	DATE
A	RELEASED	03/18/05
G	Change Notes	08/23/12
H	Modify the product structure	07/17/13



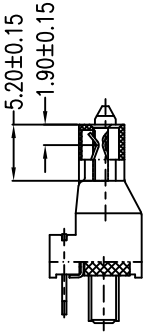
Power Segment			
Pin NO.	Type	Name	Type
P1	V3.3	P9	V5
P2	V3.3	P10	Ground
P3	V3.3	P11	Ready Led
P4	Ground	P12	Ground
P5	Ground	P13	V12
P6	Ground	P14	V12
P7	V5	P15	V12
P8	V5		

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

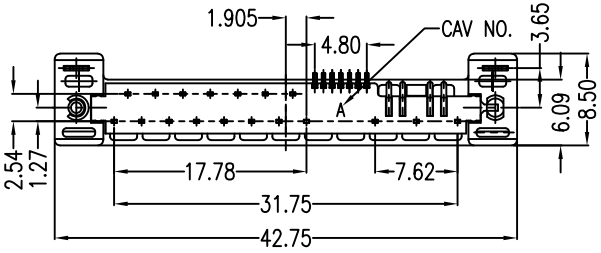


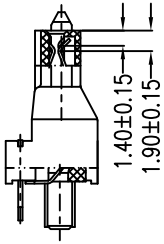


VIEW C
SCALE 3:1



SECT A–A

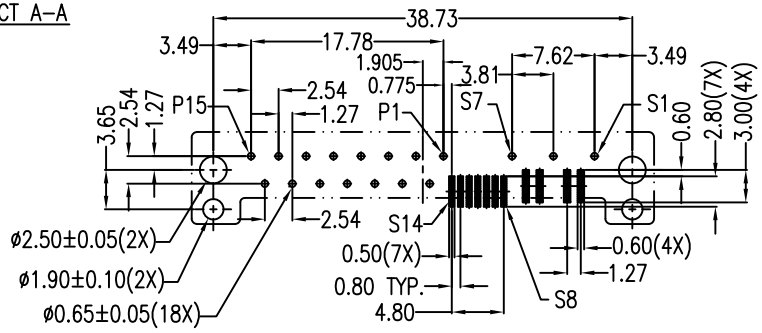




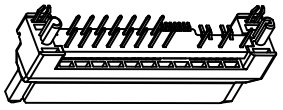
SECT B–B

Unit:mm

Part NO.	Dim"A"	Dim"B"
HSAS-029-V32-00	4.00	3.00
HSAS-029-V32-01	3.00	2.00



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



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

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
HSAS-029-V32-01
- 0:DIP+SMT(4.0) 1:DIP+SMT(3.0)
- Au F:>0.8u" 5:15u" 3:30u"
- Number of Contacts
- Series No.

REV	Modify the product structure				
Units	mm Scale 5:4	Drawing By	Date	益富科技有限公司	
Tolerance Unless Otherwise Specified		Ares	10/17-'13	TEL: 886-3-5511680 FAX: 886-3-5511605	
.X ≀ ±0.38		Reviewed By	Date	Date 07/17/13	Title: SAS 29Pin Straight DIP+SMT Female
.XX ≀ ±0.25		Sharon	10/17/-'13	Sheet 1 of 1	
.XXX ≀ ±0.20		Approval By	Date	Third Angle Projection	
Angle ≀ ± 3°		Jason	10/21/-'13	Drawing No. HSAS-029-V32-0x	REV H