

Signal Segment		Power Segment			
Name	Type	Name	Type	Name	Type
S1	GND	P1	V33	P9	V5
S2	A+	P2	V33	P10	GND
S3	A-	P3	V33	P11	DS/DS3
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		

## Notes:

## \*Material

Housing: LCP+50%GF, UL 94V-0 rated;Color: Black.

Contact: Phosphor Bronze

Plating: Au Plating on contact area

Sn(100u<sup>n</sup>Min) plating on solder Tail.

Ni(40u"Min) contact underplating overall.

Harpoon: Brass

Plating: Sn(100u"Min)Plating Over Ni(40u"Min)

## \*Mechanical

Insertion Force: 45N max.

Withdrawal Force: 10N min.

Durability: 500 cycles

### \*Electrical Specification

Current Rating: 1.5 Ampere per contact

Contact Resistance: 30 mΩ Max.

Insulation Resistance: 1000 MΩ

Dielectric Withstanding Voltage: 500 V AC

## \*Environmental

Operating Temperature:  $-55^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

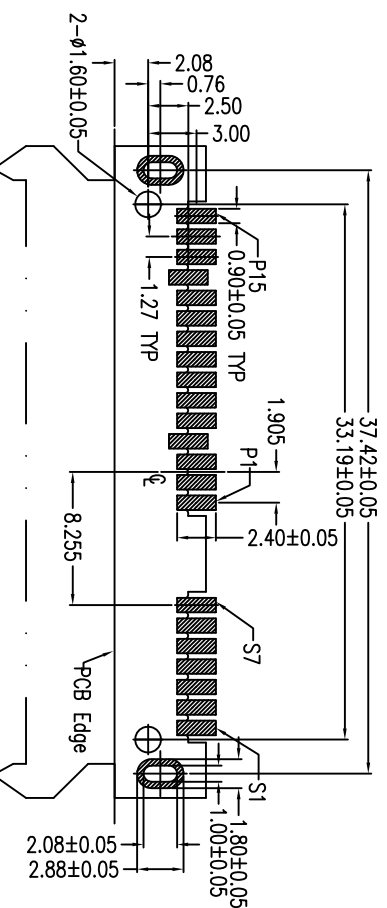
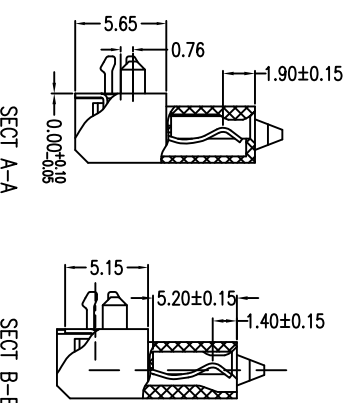
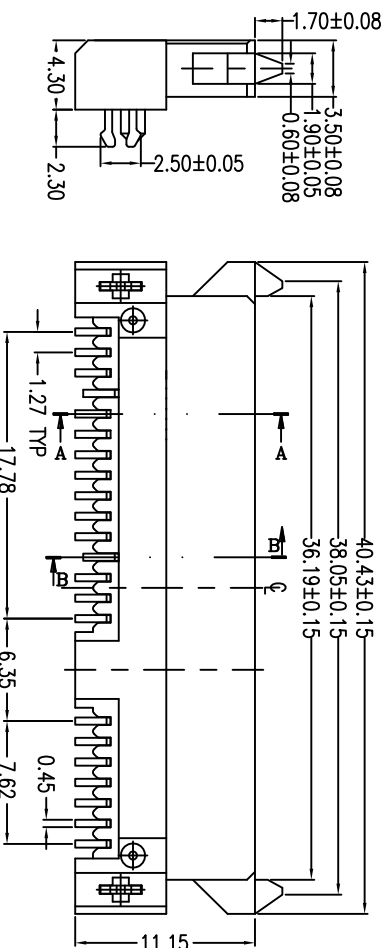
### \*How to Order:

HSAT-022-R5S-06


— Gold: F:Flash,5:15u",3:30u"

—NO. of Contacts

Series No.



P.C.B LAYOUT (T=1.6mm)  
COMPONENT SIDE

Units	mm	Scale	2:1	Drawing By	Data	 益 富 科 技 有 限 公 司 TEL: 886-3-5511660 FAX: 886-3-5511605			
Tolerance Unless Otherwise Specified				May	01/09/12	Date	01/09/12	Title	SATA 7+15P 90° Female
.X     {     ±0.38				Reviewed By		Date	01/09/12	Sheet	1 of 1
.XX    {     ±0.25				Sharon	01/09/12			Third Angle Projection	
.XXX   {   ±0.20				Approval By	Data				
Angle   {   ± 3°				Jason	01/10/12			Drawing No.	HSAT-022-R5S-06
								REV	C

8		
REV.	ECN.NO.	DATE
A	RELEASED	01/08/07
B	Add lock key Add the Sign of P8 Edge	11/19/07
C	Change Harpoon and notes	01/09/12