

Pin Number	Signal Name	Pin Number	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		

Notes:

*Material

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

Color: Black.

Contact: Phosphor Bronze

Plating: Gold Plating over Nickel(40~80u") on contact area
 Tin(100~250u") plating on solder Tail.

Harpoon: Bras

Plating: Tin(100~250u")Plating Over Nickel(40~80u");

*Mechanical

Insertion Force: 45N max.

Withdrawal Force: 10N min.

Durability: 500 cycles

*Electrical Specification

Current Rating: 1.5 Ampere per contact

Contact Resistance: 30mΩ max.

Insulation Resistance: 1000M Ω min.

Dielectric Withstanding Voltage: 500 VAC

*Environmental

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

*Products in line with environmental regulations:

ROHS(2002/95/EC)Compliant

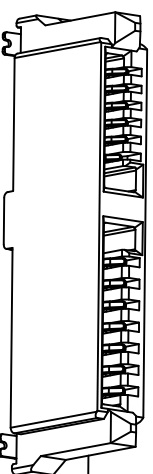
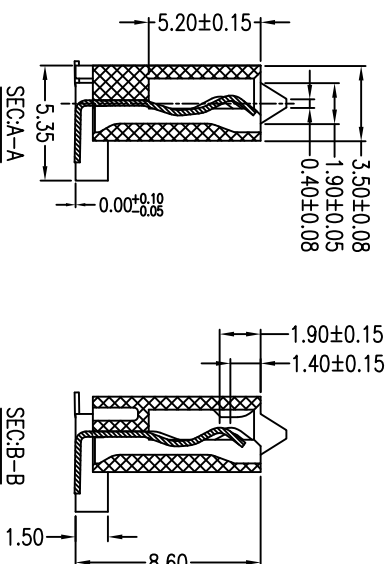
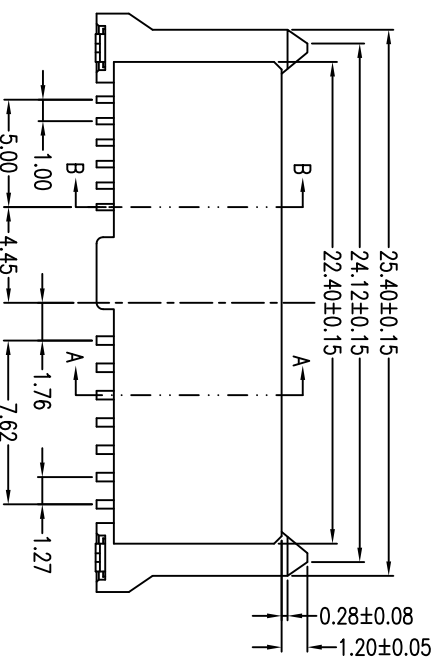
*How to Order:

HSAT-F13-V5S-10

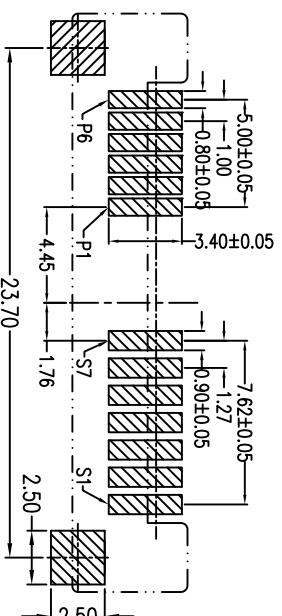
—Selective Gold: F:Flash, 5:15u", 3:30u"

—NO. of Contacts




Series No.



3D VIEW



RECOMMENDED PCB LAYOUT

Units	mm	Scale	8:3	 益 富 科 技 有 限 公 司 TEL: 886-3-5511680 FAX: 886-3-5511605			
Tolerance Unless Otherwise Specified				Drawing By	Data		
				Lulu	01/08/10		
				Reviewed By	Data		
.X { ±0.38				Date		01/08/10	
.XX { ±0.25				Sheet		1 of 1	
.XXX { ±0.20				Title		SAT4 7+6P Vertical SMT Female	
Angle { ± 3°				Third Angle Projection			
				Approval By	Data		
				Jason	01/08/10		
				 		Drawing No.	HSAT-PT3-V5S-10
						REV	B

8		
REV.	ECN.NO.	DATE
A	RELEASED	11/04/08
B	Add Lockkey	01/08/10