

Power Segment		
Name	Type	Name
P1	V33	P9
P2	V33	P10
P3	V33	P11
P4	GND	P12
P5	GND	P13
P6	GND	P14
P7	V5	P15
P8	V5	

Signal	Segment
Name	Type
S1	GND
S2	A+
S3	A-
S4	GND
S5	B-
S6	B+
S7	GND

Notes:

*Material

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

Cover: LCP+50%GF, 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) contact underplating overall.

Harpoon: Brass

Sn(100u"Min)Plating Over Ni(50u"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 m Ω max

Insulation Resistance: 1000 min.

Dielectric Withstanding Voltage: 500 V AC

*Environmental

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

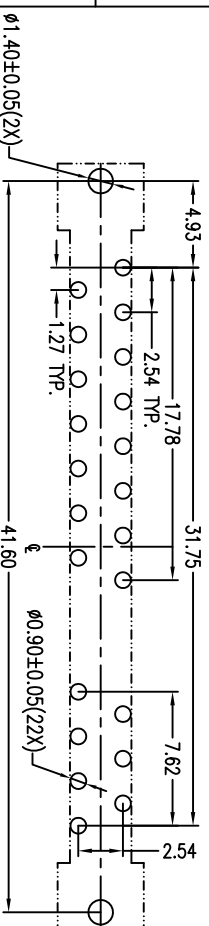
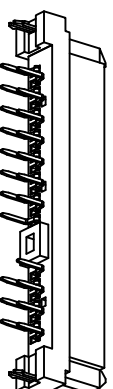
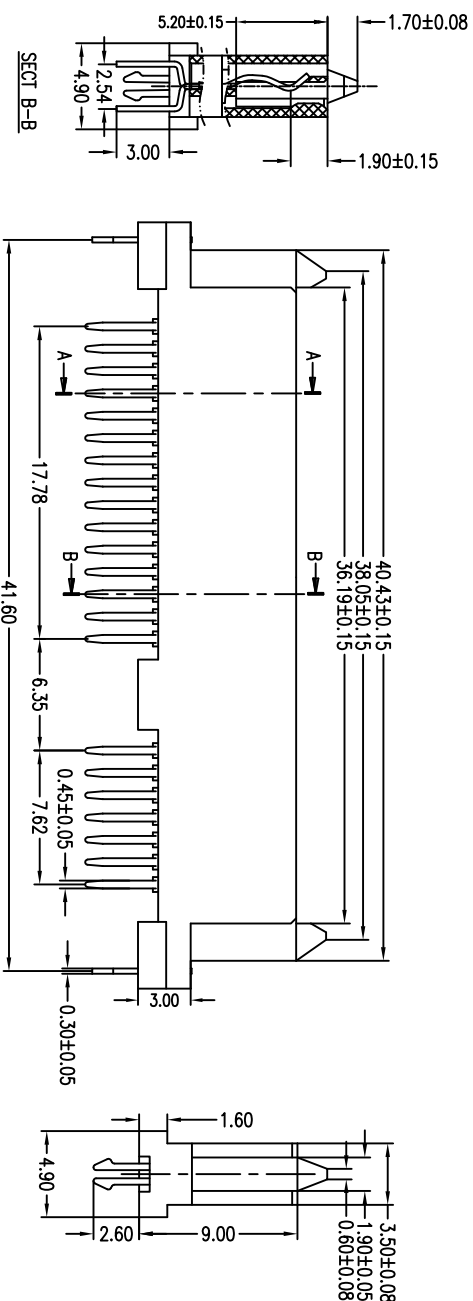
*How To Order:

HSAT-F22-V5D-H0




—Au F:Flash 5:15u” 3:30u”

— NO. Of Contacts(7+15)

Serial ATA For Riser Card



P.C.B LAYOUT(T=1.60mm)
COMPONENT SIDE

Units	mm	Scale	Drawing By		Date	 益富科技有限公司 TEL: 886-35511680 FAX: 886-3-5511605			
Tolerance Unless Otherwise Specified			May		08/30-'12				
.X ± 0.38			Reviewed By		Date	Date			
.XX ± 0.25			Sharon		08/30-'12	Date			
.XXX ± 0.20			Approval By		Date	Date			
Angle ± 3°			Jason		08/30-'12	Date			
			 Third Angle Projection		 Drawing No.		REV		D
			Date 08/30-'12 Sheet 1 of 1		Title Serial ATA 7+15P DIP Type(Luck Key)		HSAT-P22-V5D-H0		