

REV.	ECN NO.	DATE
A	RELEASED	02/28-'04
B	Change Harpoon	04/19/13

Notes:

*Material

Housing: LCP+50%CF UL 94V-0 Rated,Color: Black.
Contacts: 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)

*Electrical Specification

Operation Voltage: 100 VAC max.
Current Rating: 1.5 Ampere per contact
Contact Resistance: 30 mΩ max.
Insulation Resistance: 1000 MΩ/min.
Dielectric Withstanding Voltage: 500 VAC

*Environmental

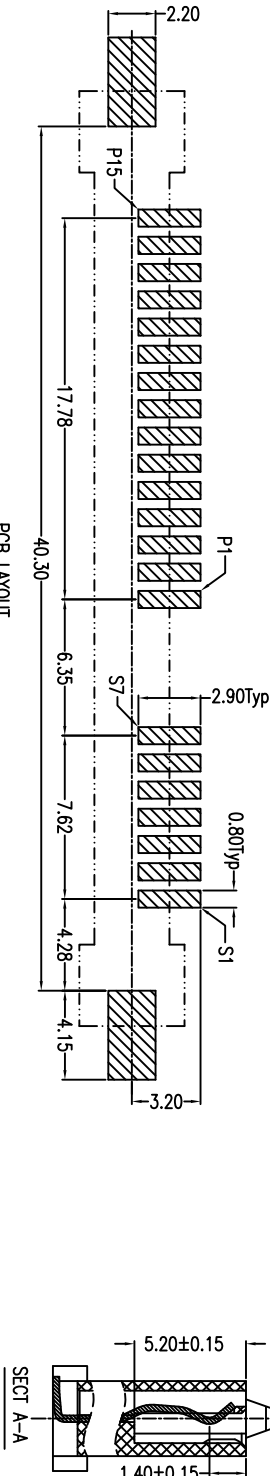
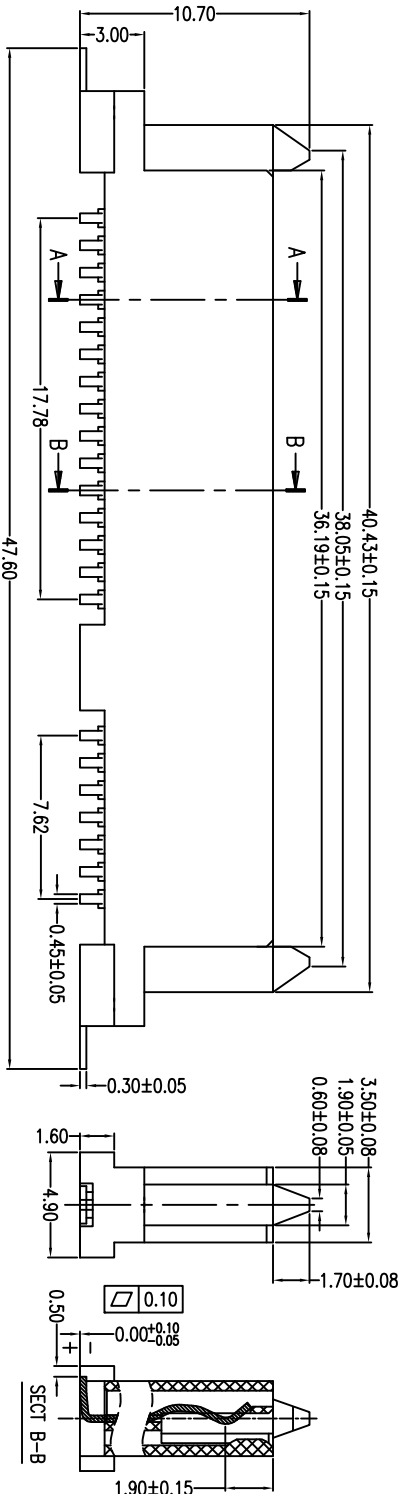
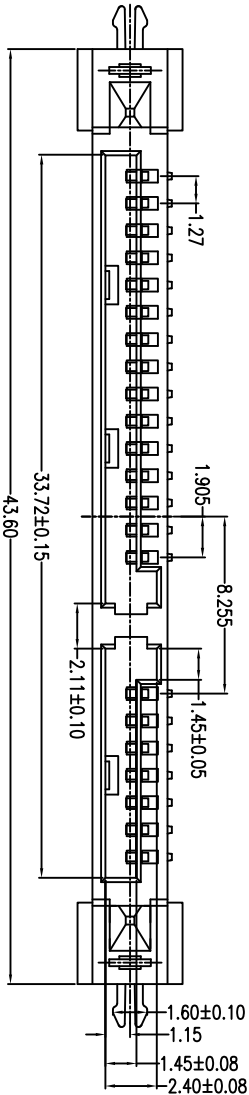
Operating Temperature: -55°C ~ 85°C.

*How to Order:

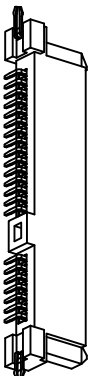
HSAT-F22-V5S-0A

Au: F:Flash 5:15u"
Number of Contacts
Series No.

Signal Segment		Power Segment	
Name	Type	Name	Type
S1	GN	P1	V3.3
S2	At	P2	V3.3
S3	At	P3	V3.3
S4	GN	P4	GN
S5	B+	P5	GN
S6	B+	P6	GN
S7	GN	P7	V5
		P8	V5
		P9	GN
		P10	GN
		P11	DAS/DSS
		P12	GN
		P13	GN
		P14	V12
		P15	V12
		P16	V12



PCB LAYOUT
COMPONENT SIDE



Units	mm	Scale	1:1	Drawing By	Date	益富科技有限公司		
Tolerance Unless Otherwise Specified				May	04/19/13	TEL: 886-3-5511680 FAX: 886-3-5511605		
.X ±0.38				Reviewed By	Date	Date	04/19/13	Title
.XX ±0.25				Sharon	04/19/13	Sheet	1 of 1	SATA 7+15P SMT (Post SMT) Female
.XXX ±0.20				Approval By	Date	Third Angle Projection		
Angle ± 3°				Jason	04/19/13	Drawing No.	HSAT-F22-V5S-0A	REV B