

A	RELEASED	04/08-'02
L	Modify signal segments	10/01-'12
M	Identification error	
M	Modify Notes	12/23-'13

Notes:

*Material

Housing: LCP, UL 94V-0 Rated; Color: Black,White.

Contact: Phosphor Bronze

Plating: Au plating on contact area,

Sn (100u" Min.) plating on solder tail,

Ni (40u" Min.) underplating overall.

Harpoon: Brass;

Plating: Sn(100u" Min.) Plating On Solder Tail;

Ni(50u" Min.) Underplating Overall

*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.

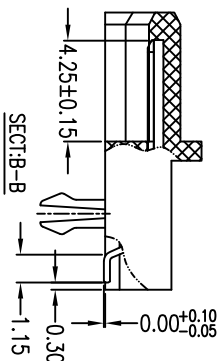
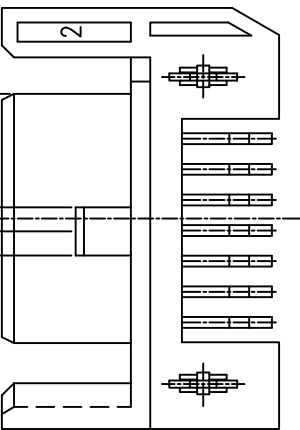
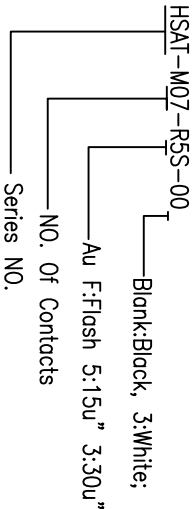
Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding Voltage: 500V AC

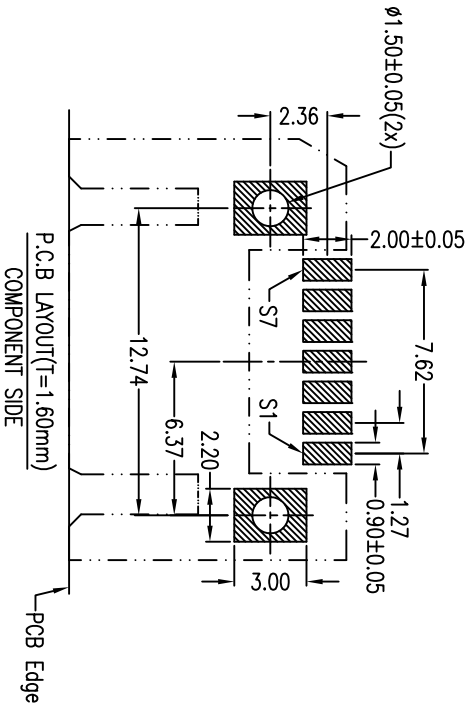
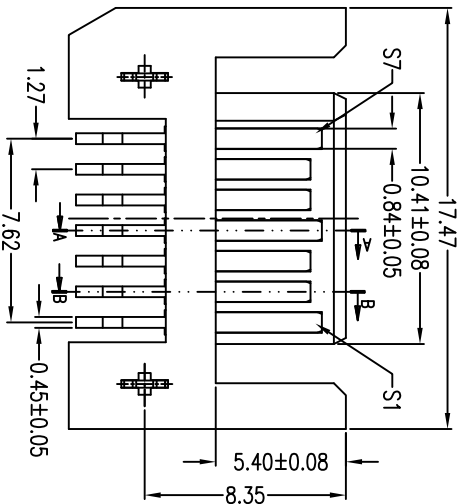
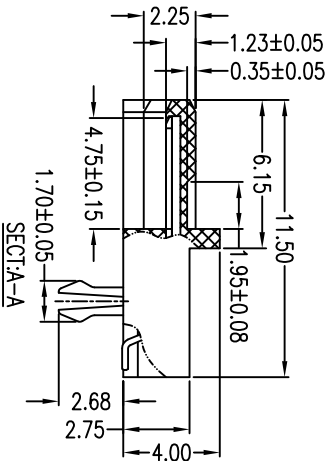
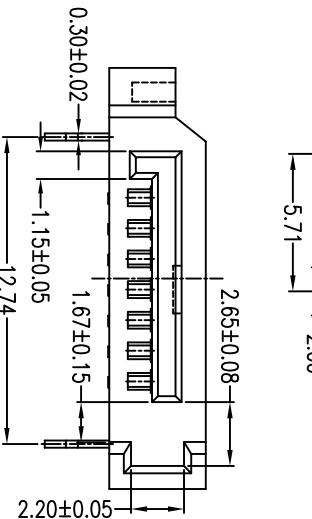
*Environmental

Operating Temperature: -55°C To +85°C

*How To order:



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



Units	mm	Scale	Drawing By	Date	益富科技有限公司	TEL: 886-3-6511680	FAX: 886-3-6511605
Tolerance Unless Otherwise Specified			May	12/23-'13			
.X ~ ±0.38			Reviewed By	Date			
.XX ~ ±0.20			Sharon	12/26-'13			
.XXX ~ ±0.15			Approval By	Date			
Angle ~ ± 3°			Jason	12/26-'13			
					Sheet	12/23-'13	Title
					1 of 1		SATA 7P Standard SMT Type
					Third Angle Projection	Drawing No.	HSAT-M07-R5S-00
							REV M