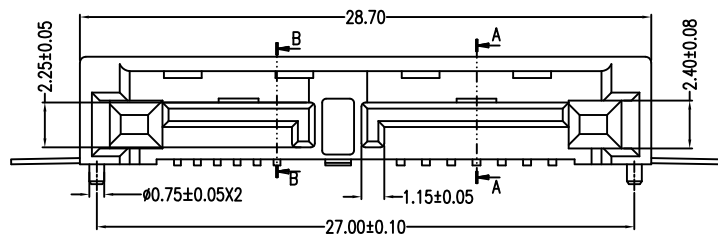


REV.	ECN.NO.	DATE
A	RELEASED	03/05/09
B	Add The P/N	03/14/11



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%G.F, UL94 V-0; Color: Black

Contact: Brass

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 Overall;
Ni(40u" Min.) Underplating Overall

*Mechanical

Insertion Force: 45N max.
Withdrawal Force: 10N min.
Durability: 500 cycles

*Electrical Specification

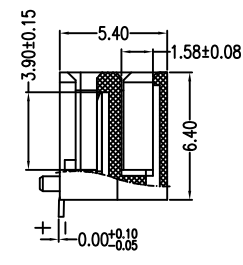
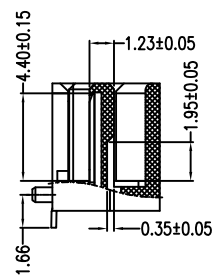
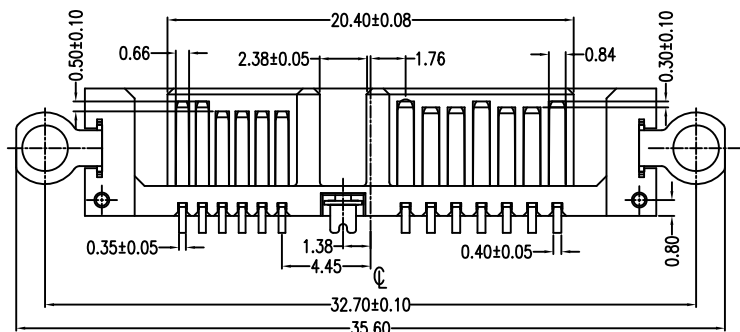
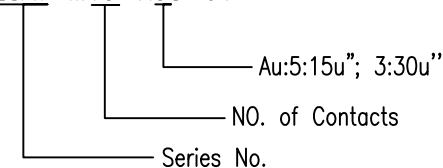
Current Rating: 1.5 Ampere per contact
Contact Resistance: 30mΩ Max.
Insulation Resistance: 1000MΩ Min.
Dielectric Withstanding Voltage: 500V AC

*Environmental

Operating Temperature: 0°C to +85°C

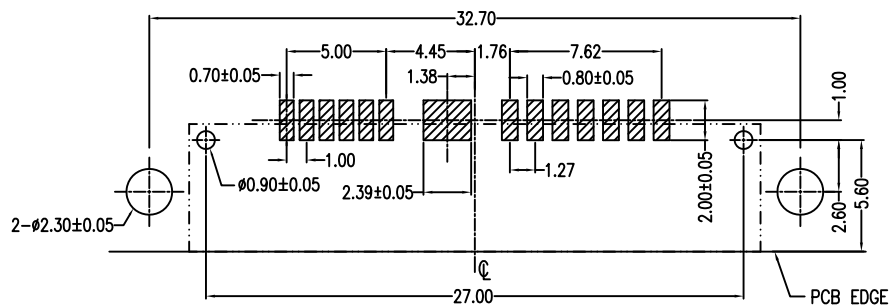
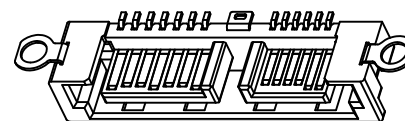
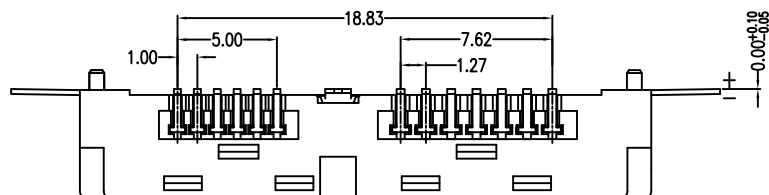
*How to Order:

2SAT-M13-R5S-01



Section:A-A

Section:B-B



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

Units	mm	Scale	8:3	Drawing By	Data	SINGATRON U.S.A.				
				Amy	03/14/11	Date	03/14/11	Title	Slimline S ATA 7+6P R/A SMT Male	
				Reviewed By	Data	Sheet	1 of 1	Third Angle Projection	Drawing No.	2SAT-M13-RxS-01
				Sharon	03/14/11	REV				
				Approval By	Data					
				Jason	03/14/11					
				Tolerance Unless Otherwise Specified						
				.X	~ ±0.38					
				.XX	~ ±0.25					
				.XXX	~ ±0.20					
				Angle	~ ± 3°					