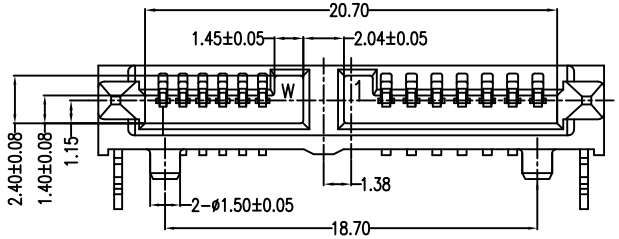
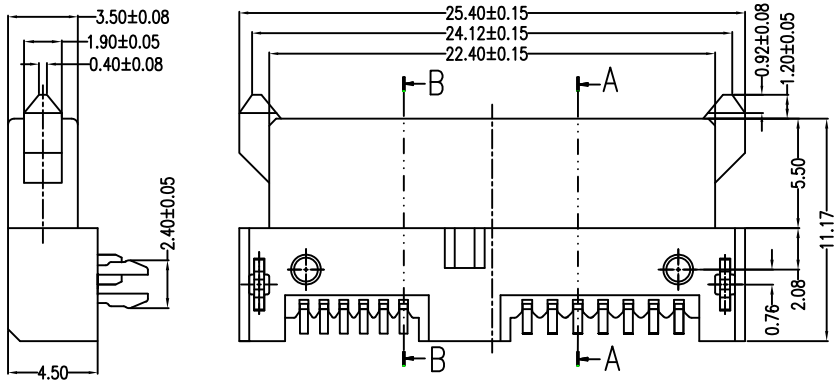
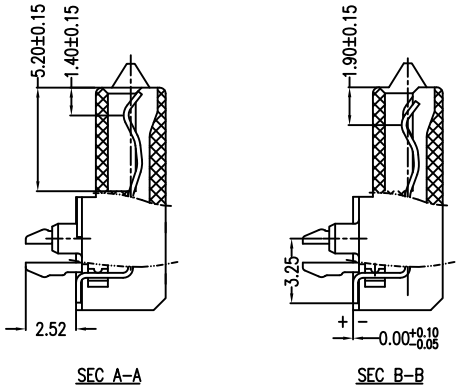
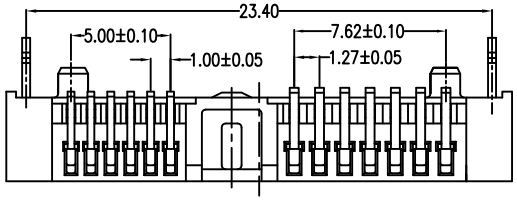
REV.	ECN.NO.	DATE
A	RELEASED	04/14/09
B	Change Withdrawal Force: 10N Min-2.5N Min.	01/21-'11

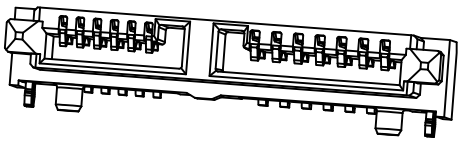


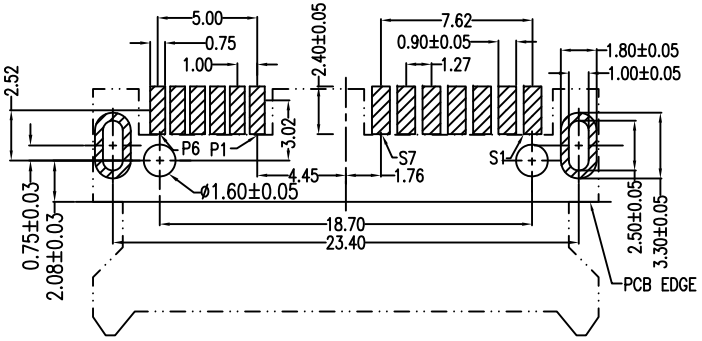
Pin Number	Signal Name	Pin Number	Power Line Designation
S1	GND	P1	DP
S2	A+	P2	+5V
S3	A-	P3	+5V
S4	GND	P4	MD
S5	B-	P5	GND
S6	B+	P6	GND
S7	GND		











P.C.B LAYOUT(T=1.20mm)
COMPONENT SIDE

Notes:

*Material

Housing: LCP+50%GF, UL 94V-0 rated;
Color: Black.
Contact: Phosphor Bronze
Plating: AuPlating on contact area
Sn(100u"Min) plating on solder Tail.
Ni(40u"Min) contact underplating overall.
Harpoon: Brass
Plating: Sn(100u"Min) plating on solder Tail.
Ni(40u"Min) contact underplating overall.

*Mechanical

Insertion Force: 45N max.
Withdrawal Force: 2.5N min.
Durability: 500 cycles

*Electrical Specification

Current Rating: 1.5 Ampere per contact
Contact Resistance: 30mΩmax.
Insulation Resistance: 1000MΩ min.
Dielectric Withstanding Voltage: 500 VAC

*Environmental

Operating Temperature: -55°C to +85°C

*How to Order:

2SAT-F13-R5S-60

- R5S-60: Selective Au: F:Flash, 5:15u", 3:30u"
- F13: NO. of Contacts
- 2SAT: Series No.

Units	mm	Scale	8:3
Tolerance Unless Otherwise Specified			
.X	~	±0.38	
.XX	~	±0.25	
.XXX	~	±0.20	
Angle	~	± 3°	

Drawing By	Data
Joan	01/21/11'
Reviewed By	Data
Sharon	01/21/11'
Approval By	Data
Jason	01/24/11'

SINGATRON U.S.A.

Date	01/21-'11	Title	Slimline SATA 7+6P R/A SMT Female
Sheet	1 of 1		
Third Angle Projection			
		Drawing No.	2SAT-F13-R5S-60 REV B