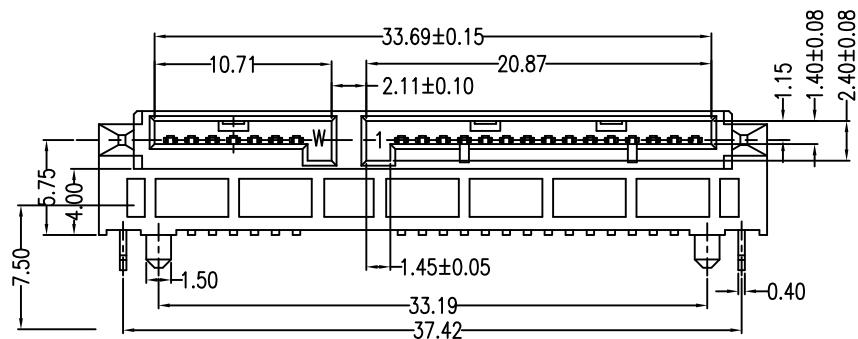


REV.	ECN.NO.	DATE
A	RELEASED	02/09-'07
B	Change Harpoon and notes	01/09/12



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

Power Segment	
Name	Type
P1	V33
P2	V33
P3	V33
P4	GND
P5	GND
P6	GND
P7	V5
P8	V5
P9	V5
P10	GND
P11	DAS/DSS
P12	GND
P13	V12
P14	V12
P15	V12

Notes:

***Material**

Housing: 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
 Plating: Sn(100u"Min)Plating Over Ni(40u"Min)

***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: 500 V AC

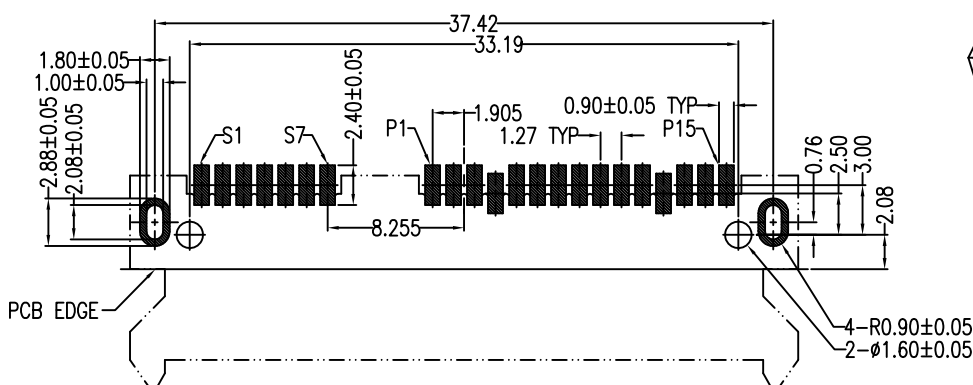
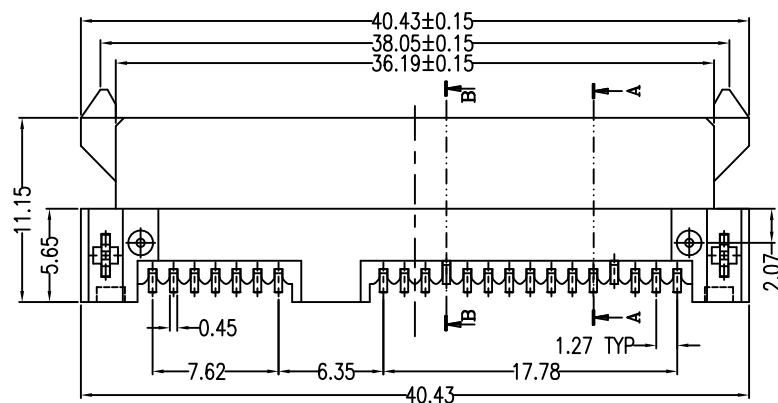
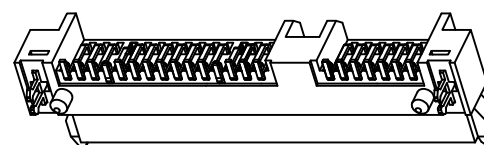
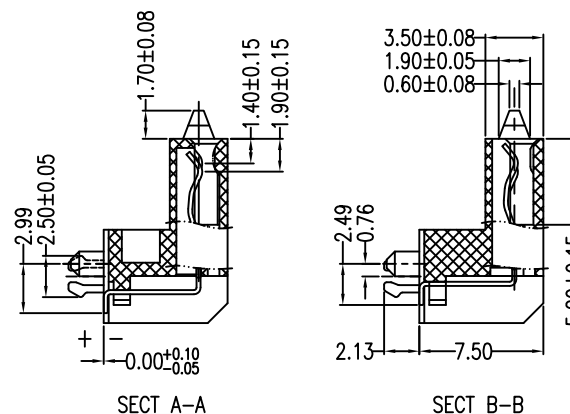
***Environmental**

Operating Temperature: -55°C to +85°C

***How to Order:**

2SAT-022-R5S-03

— Selective Au: F:Flash 5:15u"
 — NO. of Contacts
 — Series No.



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

Units	mm	Scale	2:1	Drawing By	Date	SINGATRON U.S.A.				
Tolerance Unless Otherwise Specified				May	01/09/12					
.X ~ ±0.38				Reviewed By	Date	Date	01/09/12			Title SATA 7+15P 90° Female Reverse SMT Type(H=7.5)
.XX ~ ±0.25				Sharon	01/09/12	Sheet	1 of 1			
.XXX ~ ±0.20				Approval By	Date	Third Angle Projection				
Angle ~ ± 3°				Jason	01/10/12	Drawing No.		2SAT-022-R5S-03	REV	B