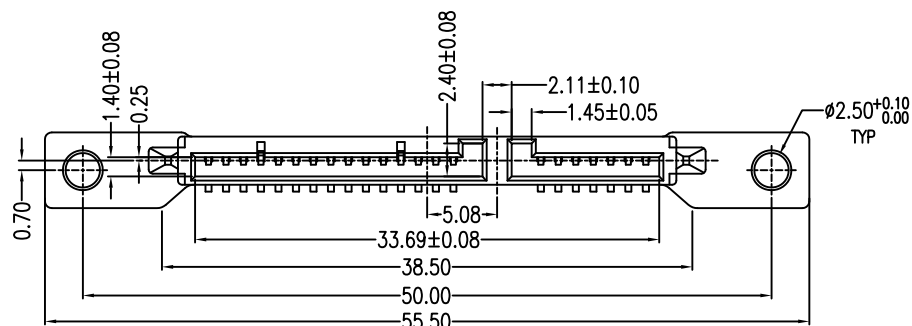


REV.	ECN.NO.	DATE
A	RELEASED	08/21/08
B	Change Withdrawal Force:10N Min-4NMin.	01/21-'11
C	Delete ICT Logo	02/12-'12



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%G.F, 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
 Sn(100u"Min)Plating Over Ni(40u"Min)

***Mechanical**

Insertion Force: 45N max.
 Withdrawal Force: 4N min.
 Durability: 500 cycles

***Electrical Specification**

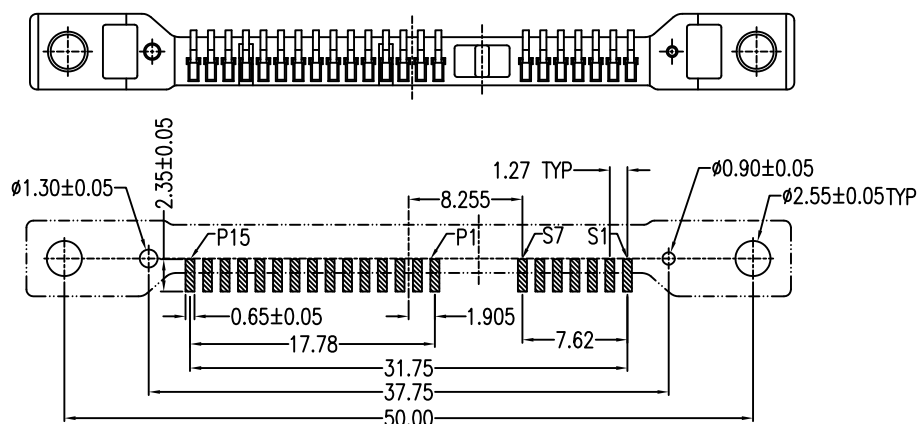
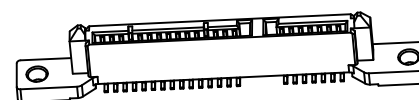
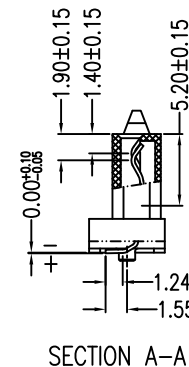
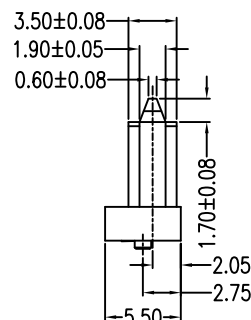
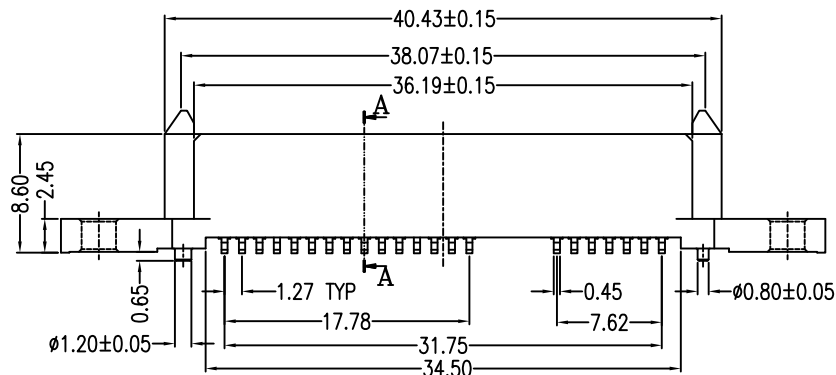
Current Rating: 1.5 Ampere per contact
 Contact Resistance: 30 mΩ max.
 Insulation Resistance: 1000 MΩ min.
 Dielectric Withstanding Voltage: 500V AC

***Environmental**

Operating Temperature: -55°C to +85°C

***How to order**

2SAT-F22-V5S-0B
 Au F:Flash 5:15u" 3:30u"
 Number of Contacts
 Series No.



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

Units	mm	Scale	2:1	Drawing By	Date	SINGATRON U.S.A.				
Tolerance Unless Otherwise Specified				May	02/12/12					
.X	~	±0.28		Reviewed By	Date	Date	02/06-'12	Title	SATA 7+15P Vertical SMT Screw Type Female	
.XX	~	±0.20		Sharon	02/12/12	Sheet	1 of 1			
.XXX	~	±0.15		Approval By	Date	Third Angle Projection				
Angle	~	± 3°		Jason	02/12/12	Drawing No.	2SAT-F22-V5S-0B	REV	C	