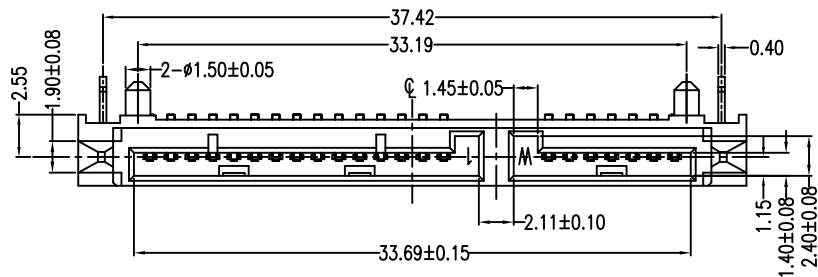


REV.	ECN.NO.	DATE
A	RELEASED	01/09/08
E	Change Harpoon and notes	01/09/12
F	Modify & Add Plastic Post Dimension	01/13/14



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

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

**Notes:**

**\*Material**

Housing: LCP, UL 94V-0 Rated, Color: Black  
 Contact: Phosphor Bronze  
 Plating: Au Plating Over Ni(40u"Min) On Contact Area  
 Sn(100u"Min) Plating On Solder Tail.  
 Harpoon: Brass  
 Plating: Sn(100u"Min)Plating Over Ni(50u"Min)

**\*Mechanical**

Insertion Force: 45N Max.  
 Withdrawal Force: 10N 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

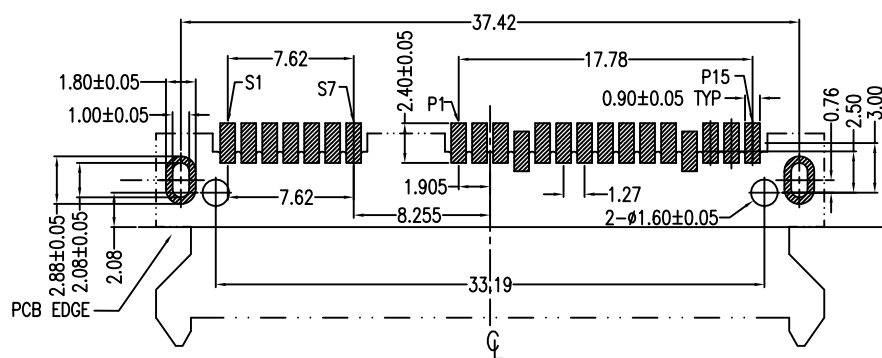
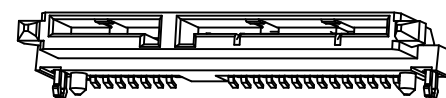
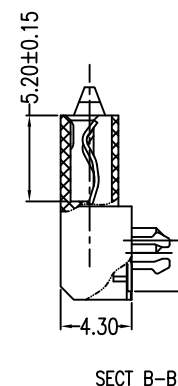
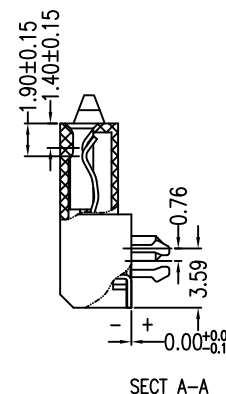
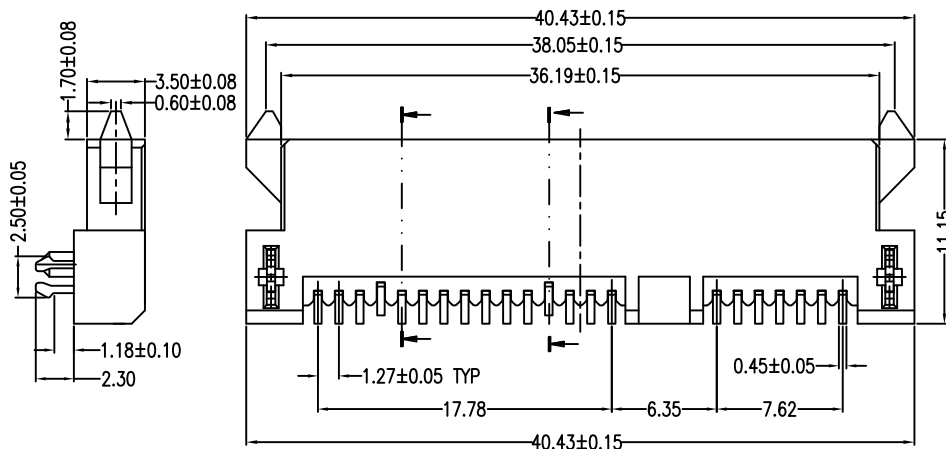
**\*How to Order:**

2SAT-022-R5S-00

Selective Au: F:Flash; 5:15u"

NO. of Contacts

Series No.



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

Units	mm	Scale	2:1	Drawing By	Data	SINGATRON U.S.A.			
Tolerance Unless Otherwise Specified				Jack	01/13-'14	Date 01/13/14 Sheet 1 of 1 Title SATA 7+15P 90° Female Reverse SMT Type (H=4.30)			
.X ~ ±0.38				Reviewed By	Data				
.XX ~ ±0.25				Sharon	01/16-'14	Third Angle Projection Drawing No. 2SAT-022-R5S-00			
.XXX ~ ±0.20				Approval By	Data				
Angle ~ ± 3°				Jason	01/16-'14	REV	F		