

REV.	ECN.NO.	DATE
A	RELEASED	01/14/09
C	Change View	04/16-'14
D	Modify frame	11/18-'14
E	P.C.B Layout	04/13-'15

Notes:

*Material

Housing: LCP, 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) plating Over All.
 Harpoon: Phosphor Bronze
 Sn (100u"Min) plating Over Ni (50u"Min).

*Mechanical

Insertion Force: 20N max.
 Withdrawal Force: 4N 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

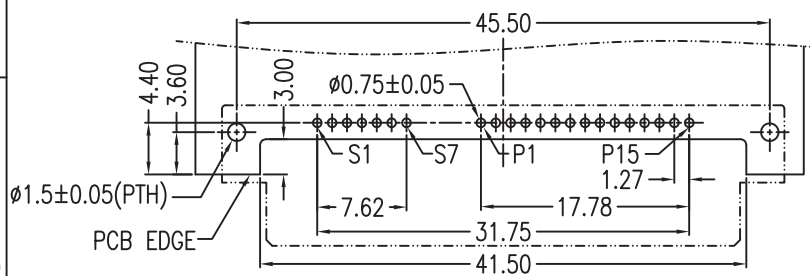
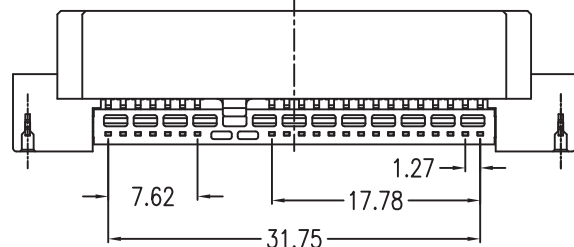
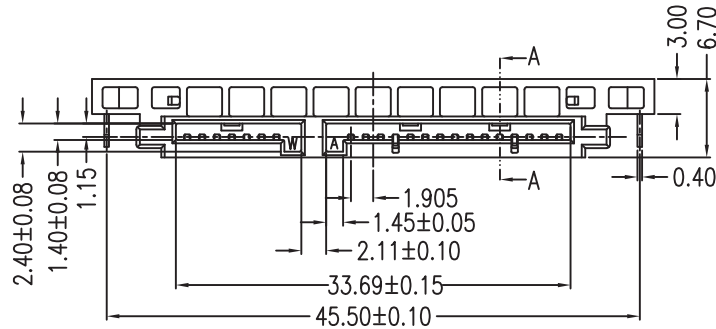
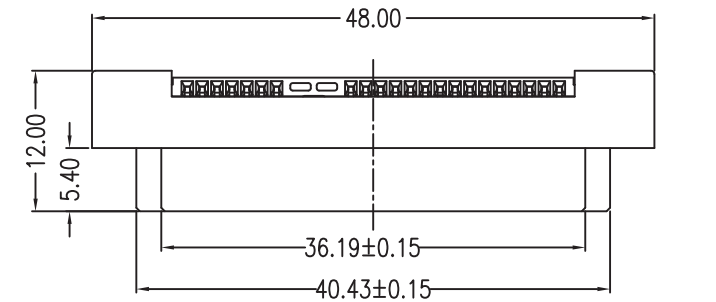
Operating Temperature: -55°C to +85°C

*How to order

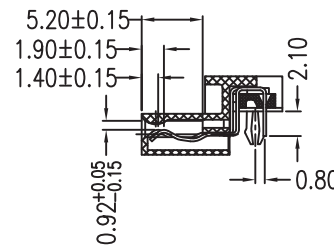
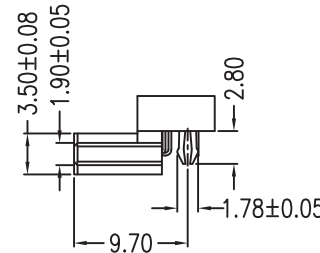
2SAT-F22-R5D-60
 └──────────┬──────────┬──────────┘
 Series No. Gold F:Flash 5:15u" Number of Contacts

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

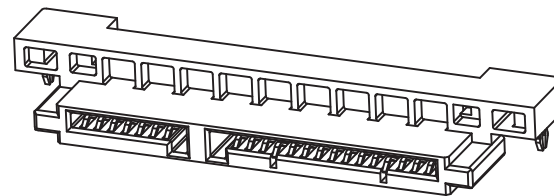
Power Segment			
Name	Type	Name	Type
P1	V33	P9	V5
P2	V33	P10	GND
P3	V33	P11	DAS/DSS
P4	GND	P12	GND
P5	GND	P13	V12
P6	GND	P14	V12
P7	V5	P15	V12
P8	V5		



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



Section A-A



Units	mm	Scale	2:1	Drawing By	Date	SINGATRON U.S.A.				
				Jack	04/13-'15	Date	04/13-'15	Title	SATA 7+15P DIP Female Subside Type	
Tolerance Unless Otherwise Specified				Reviewed By	Date	Sheet	1 of 1			
.X	±	0.35		Sharon	04/13-'15	Third Angle Projection				
.XX	±	0.25		Approval By	Date	Drawing No.	2SAT-F22-R5D-60	REV	E	
.XXX	±	0.15		Jason	04/13-'15					
Angle	±	3°								