

REV.	ECN.NO.	DATE
A	RELEASED	11/13-'02
G	add Tray package	08/02-'11
H	Cancel the glass fiber	10/15-'13

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

Power Segment	
Name	Type
P1	V3,3
P2	V3,3
P3	V3,3
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 UL94 V-0; Color: Black
 Contact: Brass
 Plating: Au plating on contact area;
 Sn(100u" Min.)plating on Solder Tail,
 Ni(40u" Min.) underplating overall.

***Mechanical**

Insertion Force: 45N Max.
 Withdrawal Force: 10N Min.
 Durability: 500 cycles

***Electrical Specification**

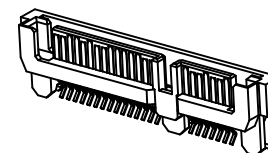
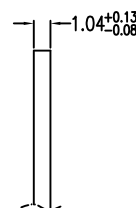
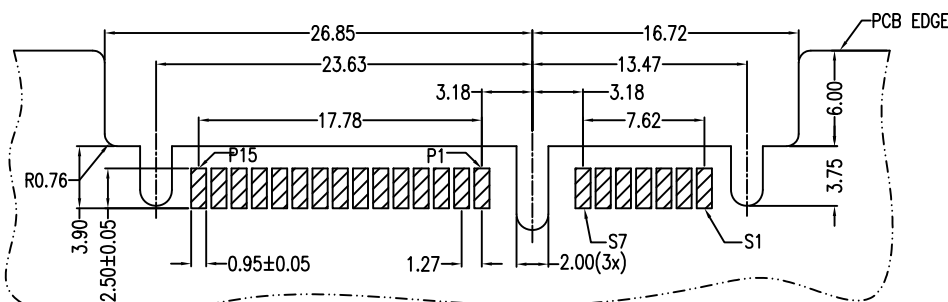
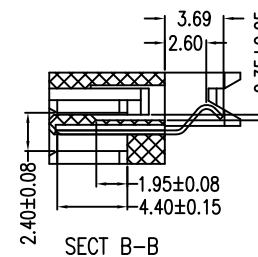
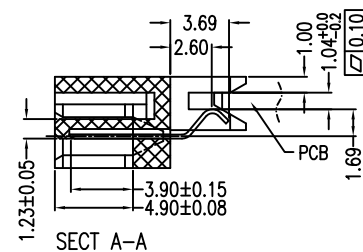
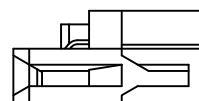
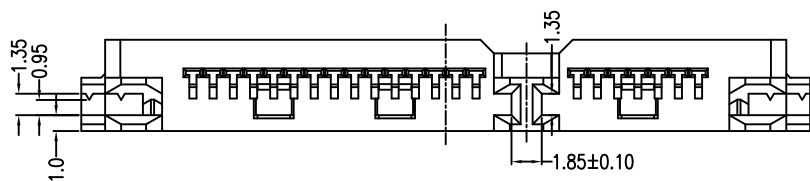
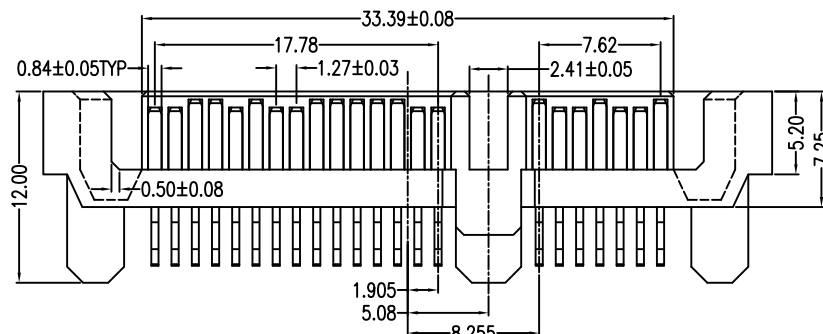
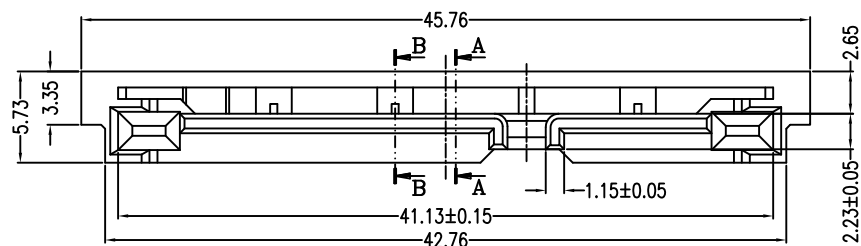
Current Rating: 1.5 Ampere per contact
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding Voltage: 500V AC

***Environmental**

Operating Temperature: -55°C to +85°C

***How to order:**

2SAT-M22-R5M-10
 ————— Gold: F:Flash; 5:15u"
 ————— Number of contacts
 ————— Serial ATA Series



P.C.B. LAYOUT(T=1.04mm)
COMPONENT SIDE

Units	mm	Scale	Drawing By	Date	SINGATRON U.S.A.				
Tolerance Unless Otherwise Specified			Jack	11/15-'13	Date		10/15-'13	Title	Serial ATA 7+15 Pins Straddle Male
.X	~	±0.38	Reviewed By	Date	Sheet	1 of 1	Third Angle Projection		
.XX	~	±0.25	Sharon	11/15-'13	Drawing No.				
.XXX	~	±0.20	Approval By	Date	2SAT-M22-R5M-10		REV	H	
Angle	~	± 3°	Jason	11/15-'13					