

NOTES:

- Material:
 Housing: LCP+50%G.F, UL 94V-0 Rated.
 Color: Black.
 Contact: Phosphor Bronze.
 Plating: Gold Plating over Nickel on Contact Area.
 Tin Plating on Solder Tail.

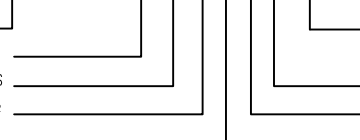
- Mechanical:
 Insertion Force: 45N Max.
 Withdrawal Force: 10N Min.
 Durability: 500 Cycles

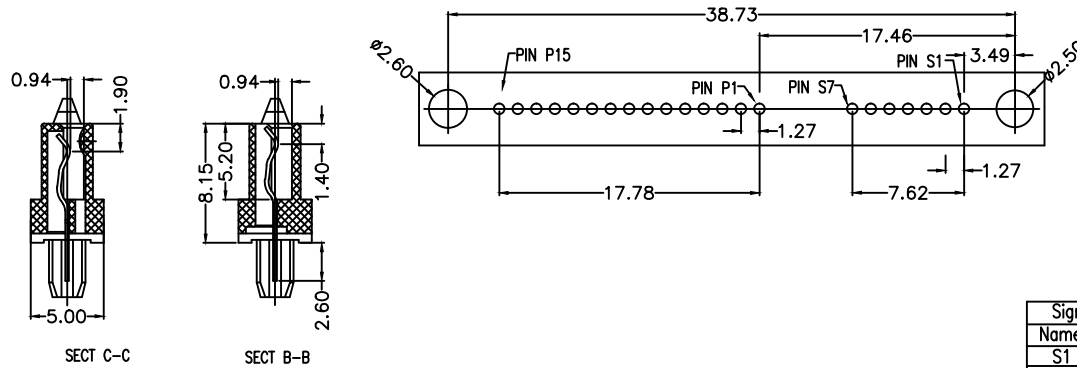
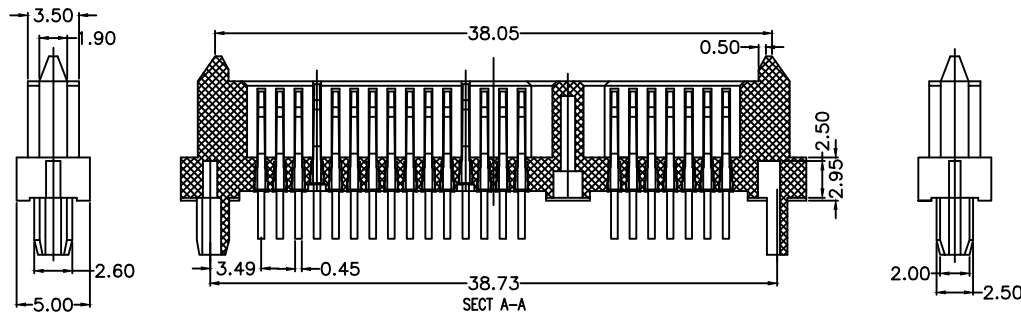
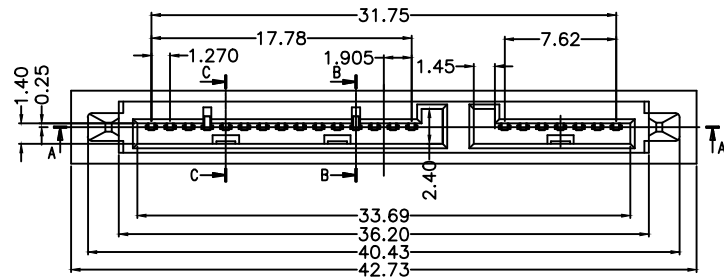
- Electrical Specification:
 Operation Voltage: 100VAC Max.
 Current Rating: 1.5 Ampere per Contact.
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding Voltage: 500 VAC.

- Environmental:
 Operating Temperature: -55°C to +125°C

Part Number:

861SAT- F22VD301A

Serial ATA Series  1A: H=9.85mm High
 F: Female Type Singal Row, Plastic Post
 22: 7+15Pins
 V: Vertical Type
 0: Black Color
 3: 15u" Plating
 D: DIP Type




PROPRIETARY NOTE:

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Signal Segment		Power Segment			
Name	Type	Name	Type	Name	Type
S1	GND	P1	V33	P9	V5
S2	A+	P2	V33	P10	GND
S3	A-	P3	V33	P11	DAS/DSS
S4	GND	P4	GND	P12	GND
S5	B-	P5	GND	P13	V12
S6	B+	P6	GND	P14	V12
S7	GND	P7	V5	P15	V12
		P8	V5		

.X ± 0.30	APPROVED: Chris
.XX ± 0.20	CHECKED: Denny
.XXX ± 0.15	DRAWN: Bryan
X* ± 3'	
	UNITS: mm
	SCALE: NONE


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TITLE: Serial ATA 7+15P Female, Vertical Type
 Singal Row DIP, H:9.85mm, With Plastic Post

PART NO: 861SAT- F22VD301A

SHEET: 1 OF 1

A	RELEASE	01.15.2007
REV	DESCRIPTION	DATE