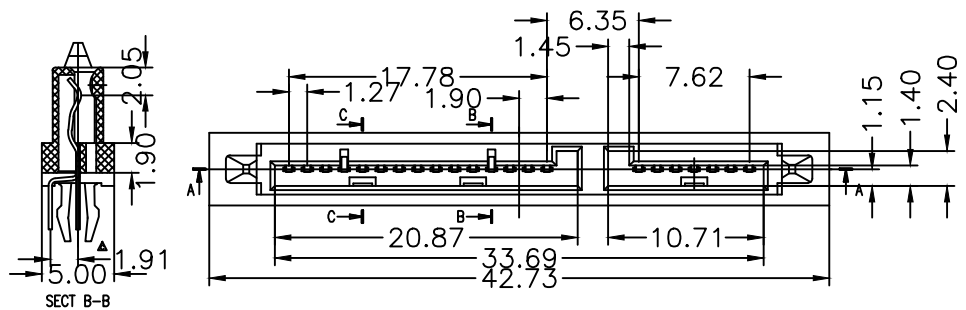


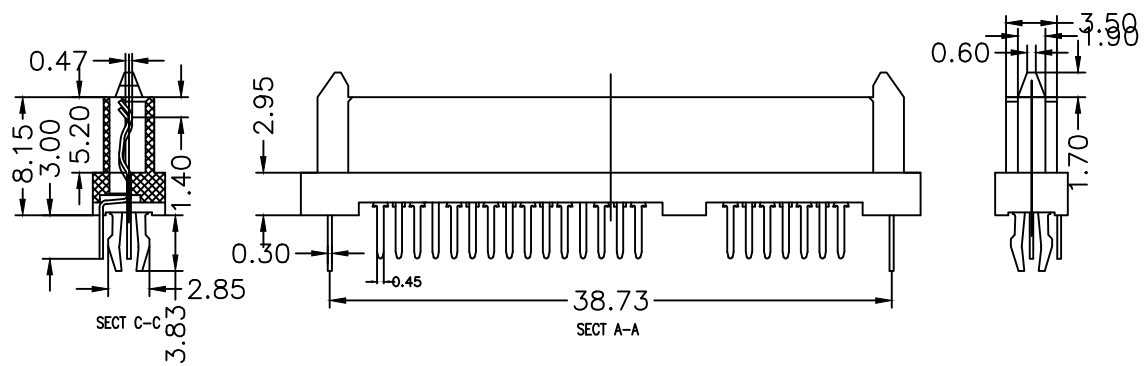
A



**NOTES:**

1. 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.  
 Harpoon: Brass.  
 Plating: Tin Plating over Nickel.
2. Mechanical:  
 Insertion Force: 45N Max.  
 Withdrawal Force: 10N Min.  
 Durability: 500 Cycles
3. 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.
4. Environmental:  
 Operating Temperature: -55°C to +85°C

B

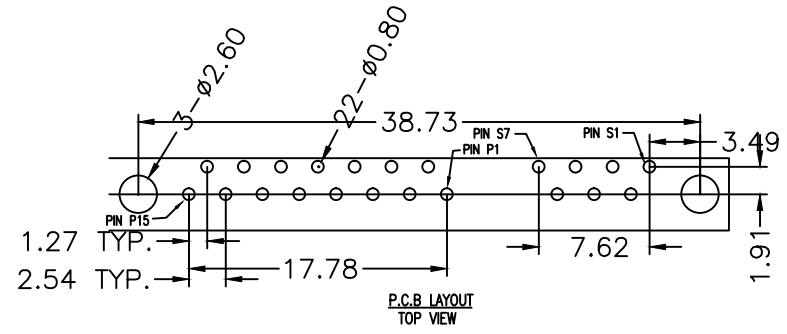


C

D

Part Number:

**861SAT-F22VD300H**



E

**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  
 .XX ± 0.20  
 .XXX ± 0.15  
 X\* ± 3'

APPROVED: Chris  
 CHECKED: Denny  
 DRAWN: Bryan



TITLE: Serial ATA 7+15P Female, Vertical  
 'DIP Two Row, 1.9mm, H:10.7mm

UNITS: mm  
 SCALE: NONE

PART NO: 861SAT-F22VD300H  
 SHEET: 1 OF 1

A	RELEASE	01.15.2007
REV	DESCRIPTION	DATE