

A

B

C

D

E

F

A

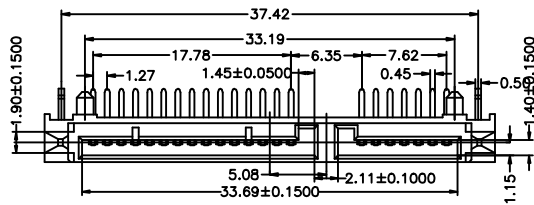
B

C

D

E

F

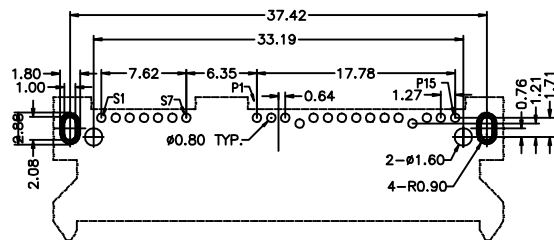
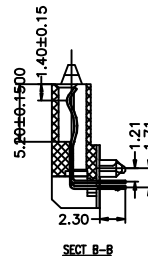
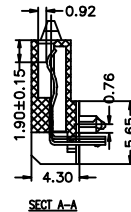
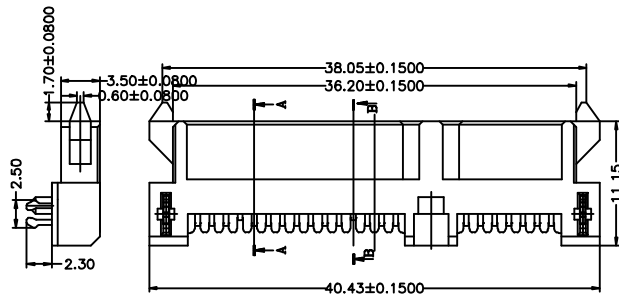


Signal Segment	
Name	Type
S1	GND
S2	A+
S3	A-
S4	GND
S5	B-
S6	B+
S7	GND

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:

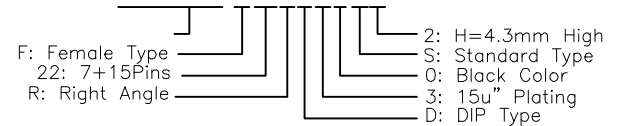
- Material:  
Housing: LCP+50%G.F, UL 94V-0 Rated.  
Color: Black.  
Contact: Phosphor Bronze.  
Plating: Gold Plating over Nickel on Contact Area.  
Tin Plating on Solder Tail.  
Harpoon: Brass.  
Plating: Tin Plating over Nickel.
- Mechanical:  
Insertion Force: 45N Max.  
Withdrawal Force: 10N Min.  
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: Serial ATA Series  
-55°C to +85°C



P.C.B LAYOUT (T=1.2)  
TOP VIEW

Part Number:

861SAT-F22RD30S2




F: Female Type  
22: 7+15Pins  
R: Right Angle

2: H=4.3mm High  
S: Standard Type  
O: Black Color  
3: 15u" Plating  
D: DIP Type

PROPRIETARY NOTE:

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.X ± 0.30	APPROVED: Chris	 <a href="http://www.rego.com.tw">http://www.rego.com.tw</a>
.XX ± 0.20	CHECKED: Denny	
.XXX ± 0.15	DRAWN: Bryan	
X° ± 3°	UNITS: mm	SCALE: NONE
TITLE: Serial ATA 7+15P Female Right Angle Standard Type DIP H4 3mm		PART NO: 861SAT-F22RD30S2
SHEET: 1 OF 1		

A	RELEASE	01.15.2007
REV	DESCRIPTION	DATE