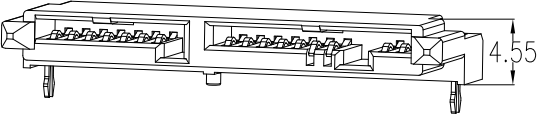
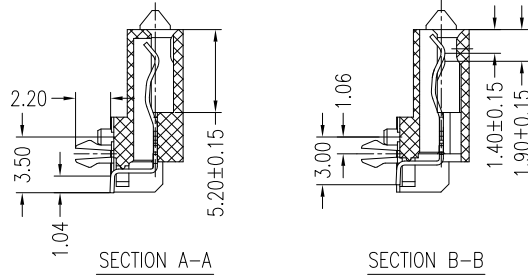
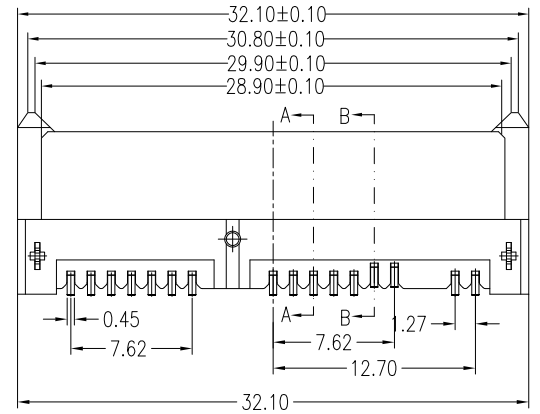
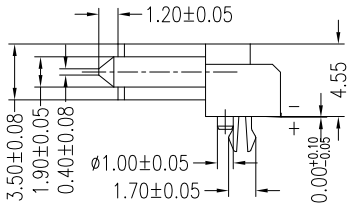
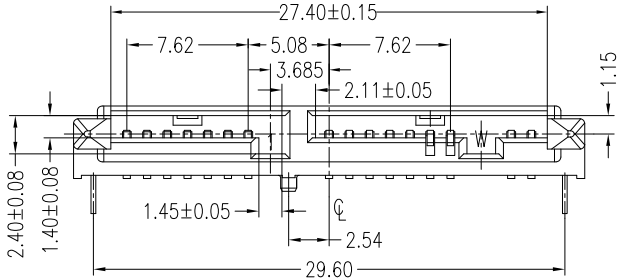


Pin Number	Signal Name
S1	GND
S2	RX+
S3	RX-
S4	GND
S5	TX-
S6	TX+
S7	GND

Pin Number	Power Line Designation
P1	+3.3V
P2	+3.3V
P3	GND
P4	GND
P5	+5.5V
P6	+5.5V
P7	DAS/DSS
P8	Optional
P9	Optional

**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: -55°C to +85°C

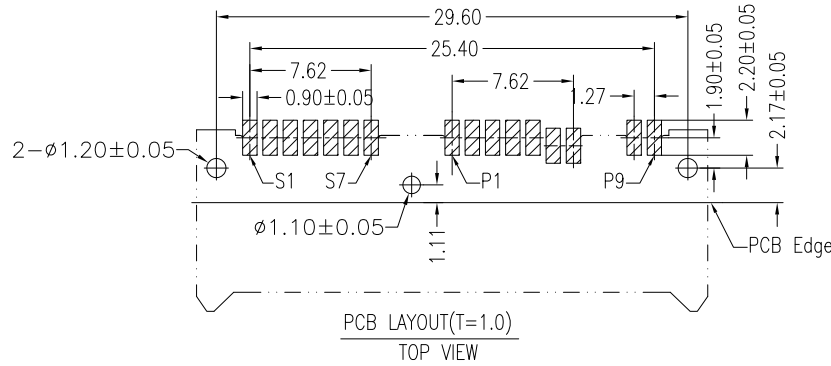


**Part Number:**

**CSAT-F16RS30-U3**

Serial ATA Series  
 F: Female Type  
 16: 7+9Pins  
 R: Right Angle

Product Number:  
 U3: Standard Type, H: 4.55mm  
 0: Black Color  
 3: 15u" Plating  
 S: SMT Type



A	04/14/09	RELEASED FOR PRODUCTION	
REV	DATE	DESCRIPTION	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	
DECIMALS	ANGLES	APPROVALS	DATE
.X ± .38	± 3°	DRAWN Chris	04/14/09
.XX ± .25		CHECKED Cindy	04/14/09
.XXX ± .20		APPV Jason	04/14/09
DO NOT SCALE DRAWING		SHEET 1 OF 1	SCALE NONE
		DWG. NO.	CSAT-F16-U03
		REV.	A



**Micro SATA 7+9P Female, Right Angle Standard Type, SMT, H:4.55mm, Harpoon**