

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:**

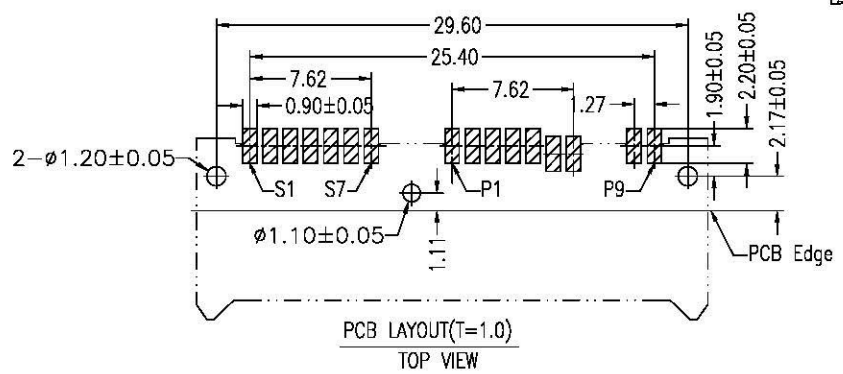
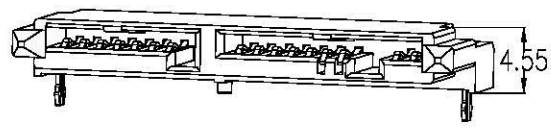
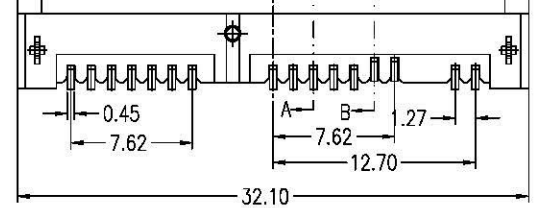
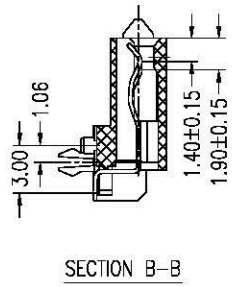
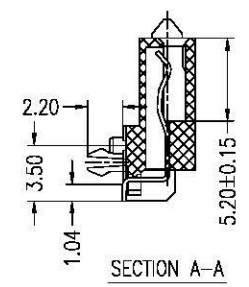
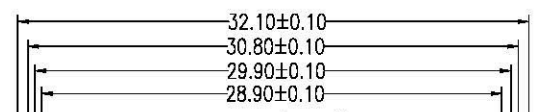
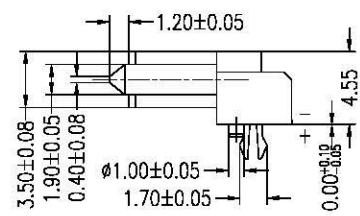
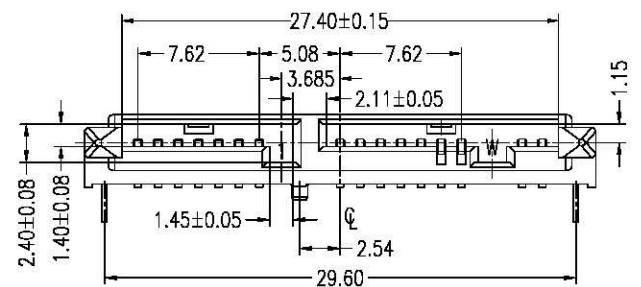
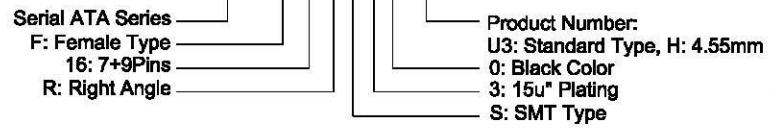
- Material:**  
 Housing: LCP+50%G.F, UL 94V-0 Rated.  
 Color: Black.  
 Contact: Phosphor Bronze.  
 Plating: Gold Plating over Nickel on Contact Area.  
 Tin Plating on Solder Tail.  
 Harpoon: Brass.  
 Plating: Tin Plating over Nickel.

- 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**



A	04/14/09	RELEASED FOR PRODUCTION		DESCRIPTION	
REV	DATE				
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MM. TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE			
DECIMALS		APPROVALS		DATE	
X ± .38		DRAWN Chris		04/14/09	
.XX ± .25		CHECKED Chdy		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	



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

**CSAT-F16-U03**