

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:**

**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.

**2. Mechanical:**

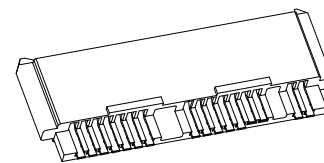
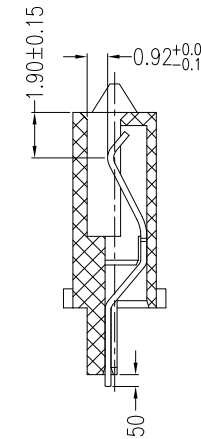
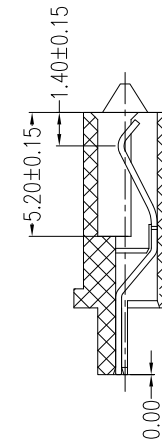
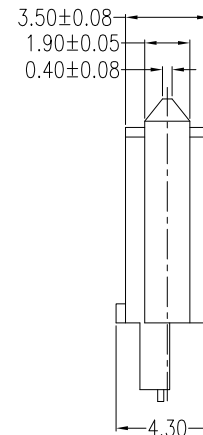
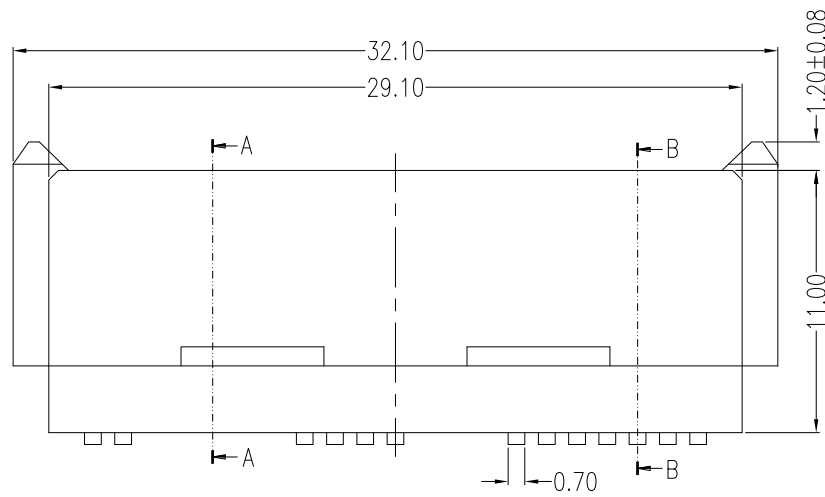
Insertion Force: 45N Max.  
 Withdrawal Force: 10N Min.  
 Durability: 500 Cycles

**3. Electrical Specification:**

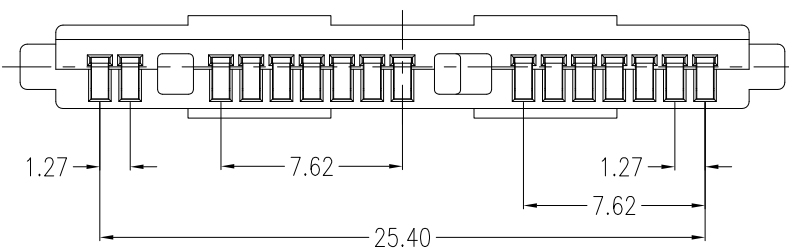
Operation Voltage: 100VAC Max.  
 Current Rating: 1.5 Ampere per Contact.  
 Contact Resistance: 30mΩ Max.  
 Insulation Resistance: 1000MΩ Min.  
 Dielectric Withstanding Voltage: 500 VAC.

**4. Environmental:**

Operating Temperature: -55°C to +85°C



Product 3D




**Part Number:**

**CSAT-F16V330-U6**

Serial ATA Series  
 F: Female Type  
 16: 7+9Pins  
 V: Vertical Type

Product Number:  
 U6: For Solder Type  
 0: Black Color  
 3: 15u" Plating  
 3: Solder Type

A	10/24/08	RELEASED FOR PRODUCTION	
REV	DATE	DESCRIPTION	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE:		 <b>凱聯科技股份有限公司</b> <b>Conn-Link Technology Inc.</b>	
DECIMALS	ANGLES		
.X ± .38	± 3°		
.XX ± .25			
.XXX ± .20		APPROVALS	DATE
		DRAWN Chris	10/24/08
		CHECKED Cindy	10/24/08
		APPV Jason	10/24/08
DO NOT SCALE DRAWING	SHEET 1 OF 1	SCALE NONE	DWG. NO. CSAT-F16-U06

**Micro SATA 7+9P Female  
 For Solder Type**