

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:

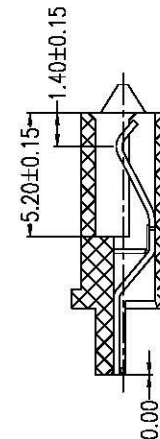
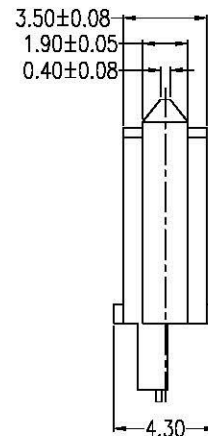
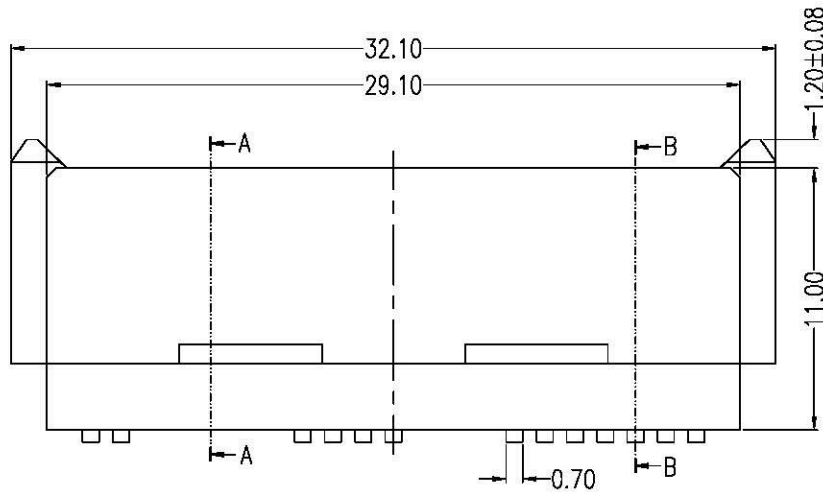
Insertion Force: 45N Max.
 Withdrawal Force: 10N Min.
 Durability: 500 Cycles

3. Electrical Specification:

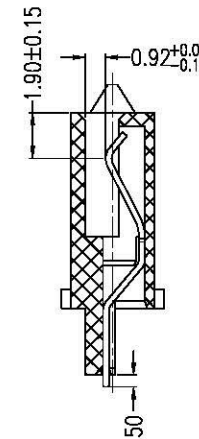
Operation Voltage: 100VAC Max.
 Current Rating: 1.5 Ampere per Contact.
 Contact Resistance: 30mΩ Max.
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding Voltage: 500 VAC.

4. Environmental:

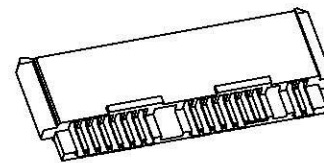
Operating Temperature: -55°C to +85°C



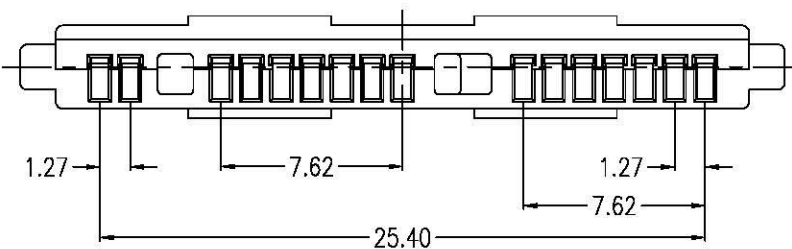
SECT A-A



SECT B-B



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:		 www.allconnectors.de Tel.: 0049 711 700503 70734 Filberstadt - Germany info@allconnectors.de Fax: 0049 711 700504 Kettnerstr. 25	
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
		REV.	A